



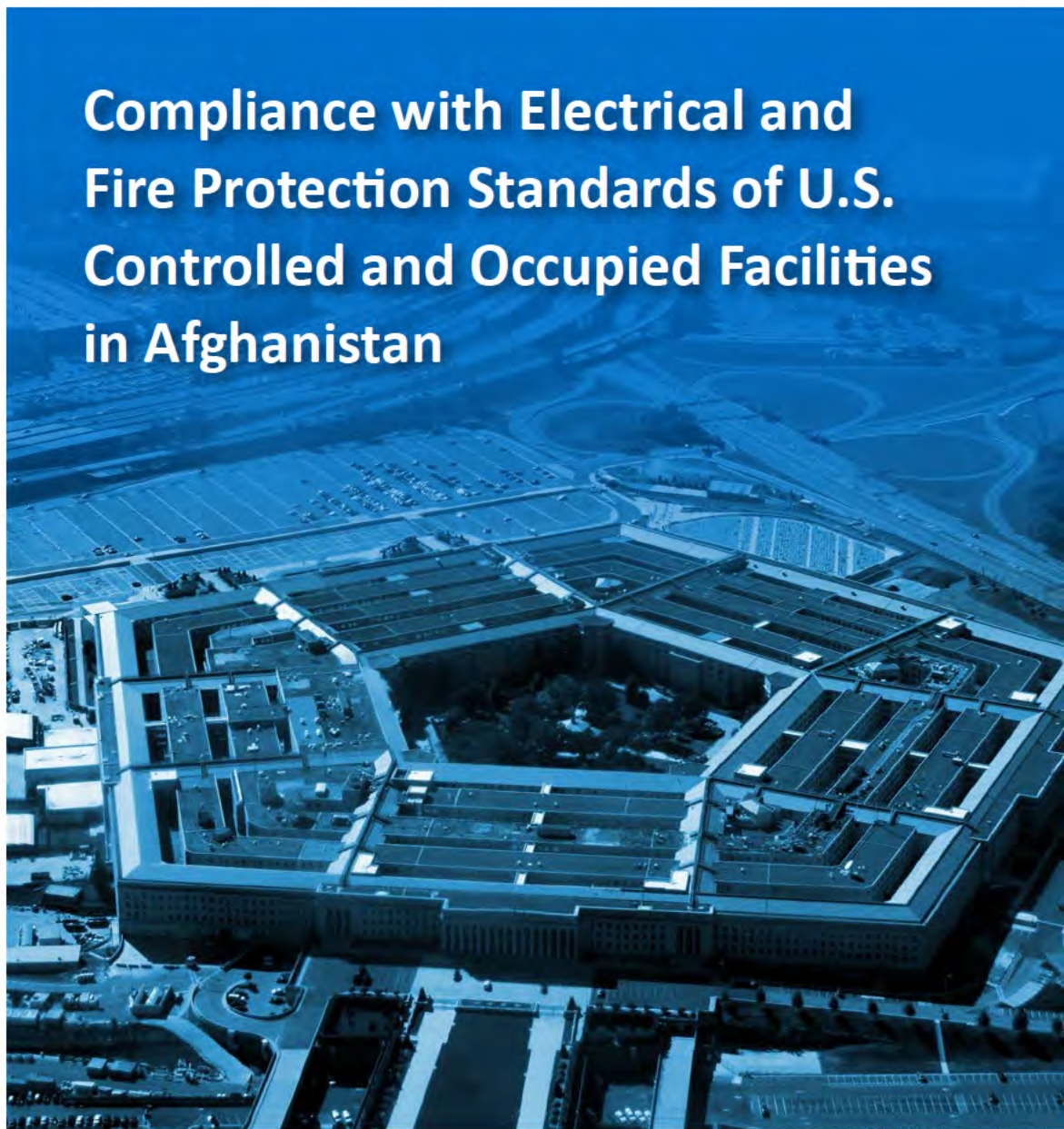
# INSPECTOR GENERAL

*Department of Defense*

JULY 18, 2013



## Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan



INTEGRITY ★ EFFICIENCY ★ ACCOUNTABILITY ★ EXCELLENCE

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# Results in Brief

## *Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan*

July 18, 2013

### Objective

At selected U.S. controlled and occupied facilities in Kandahar Air Field (KAF) and Bagram Air Field (BAF), Afghanistan, we inspected for:

- Compliance with the National Electrical Code (NEC)
- Compliance with the Unified Facilities Criteria (UFC), and the National Fire Protection Association (NFPA) standards, and
- Corrective actions for previous DoD Office of the Inspector General (OIG) electrical and fire protection findings (Report Nos. SPO-2009-005, D2010-D000JB-0078, and DODIG-2012-089).

### Findings

- Hazardous conditions due to a lack of consistent adherence to minimum NEC and NFPA standards as evidenced by 1,089 findings; 440 findings violate NEC electrical standards and 649 findings violate UFC and/or NFPA fire protection standards.
- Fire protection systems were not maintained and/or repaired.
- Garrison commands lacked qualified Government or dedicated contractor electricians, fire alarm, or fire suppression technicians on their staffs to perform inspection, testing, and maintenance.
- Inadequate Government oversight and inspection of facilities.

### Findings Continued

- Lack of independent technical support for the Government Contracting Office resulted in overreliance on facility construction and maintenance contractors.
- The Base Camp Master Plans (BCMPs) lacked a comprehensive fire protection plan.
- Corrective actions for previous DoD OIG audits and inspections were incomplete and ineffective for many findings.

### Recommendations

- We recommend that a priority be given to correcting the 71 critical findings tallied in Table 2 of this report.
- We recommend that all 1,089 findings which include the 71 critical findings (440 electrical and 649 fire protection findings) be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E).
- We recommend that U.S. Forces-Afghanistan (USFOR-A) review the government oversight and inspection requirements for electrical and fire protection systems and ensure that sufficient qualified resources are available and deployed to meet requirements throughout the USFOR-A area of responsibility.
- We recommend that provisions be made for regular inspection and maintenance of electrical and fire protection systems.
- We recommend that the Base Camp Master Plans (BCMP) include a comprehensive fire protection plan.
- We recommend that the Commander, CENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.





# Results in Brief

## *Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan*

### **CENTCOM Comments**

CENTCOM and their subordinate commands have reviewed our findings and recommendations. Of eleven recommendations they concur with nine and partially concur with two.

### **DoD OIG Response**

We have reviewed the comments from CENTCOM and their subordinate commands and found them to be in general agreement with our findings. There were eleven recommendations; The CENTCOM was responsive to nine, and partially responsive to two. CENTCOM Joint Theater Support Contracting Command (JTSCC) concurred with our

### ***DoD OIG Response Continued***

recommendation to review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, or repair services were not satisfied. However, they did not say whether they intend to initiate, direct, or otherwise oversee Government action to determine if any of these contractual remedies are actually appropriate in response to the electrical and fire protection noncompliances identified in the audit report. Therefore we consider them partially responsive to this recommendation for both the electrical and the fire protection inspection.



INSPECTOR GENERAL  
DEPARTMENT OF DEFENSE  
4800 MARK CENTER DRIVE  
ALEXANDRIA, VIRGINIA 22350-1500

July 18, 2013

MEMORANDUM FOR COMMANDER, U.S. CENTRAL COMMAND

SUBJECT: Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan (Report No. DODIG-2013-099)

This final report of the subject inspections is provided for information and use. Previous DoD Office of the Inspector General (OIG) inspections uncovered multiple and recurring electrical and fire protection systems violations in U.S. controlled and occupied facilities in Afghanistan. Therefore, we conducted these technical inspections, announced February 14, 2012. Our objective was to determine whether electrical and fire suppression systems in selected facilities at Kandahar and Bagram Air Fields in Afghanistan are in compliance with the National Electrical Code, Unified Facilities Criteria, and the National Fire Protection Association Standards. During this inspection we found:

- Hazardous conditions due to a lack of consistent adherence to minimum NEC and NFPA standards as evidenced by 1,089 findings; 440 findings violate NEC electrical standards and 649 findings violate UFC and/or NFPA fire protection standards.
- Fire protection systems were not maintained and/or repaired.
- Garrison commands lacked qualified Government or dedicated contractor electricians, fire alarm, or fire suppression technicians on their staffs to perform inspection, testing, and maintenance.
- Inadequate Government oversight and inspection of facilities.
- Lack of independent technical support for the Government Contracting Office resulted in overreliance on facility construction and maintenance contractors.
- The Base Camp Master Plans (BCMPs) lacked a comprehensive fire protection plan.
- Corrective actions for previous DoD OIG audits and inspections were incomplete and ineffective for many findings.

We provided our findings and recommendations for review and determined that your comments were responsive.

The DoD OIG regards the health and safety of the warfighter as being of the utmost importance and request your immediate action. We appreciate the courtesies extended to the staff. Please direct questions to [REDACTED]

Randolph R. Stone  
Deputy Inspector General  
Policy and Oversight

cc:

Commander, U.S. Forces-Afghanistan  
Army Inspector General  
Air Force Inspector General  
Joint Staff Inspector General

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# Introduction

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## Objectives

The objective of the Electrical Systems Inspection was to determine whether selected U.S. controlled and occupied facilities in Afghanistan were in compliance with standards defined in the National Electrical Code (NEC).

The objective of the Fire Protection Systems Inspection was to determine whether selected U.S. controlled and occupied facilities in Afghanistan are in compliance with Unified Facilities Criteria (UFC) and National Fire Protection Association (NFPA) standards.

The objective of the follow-up inspections was to review corrective actions for previous DoD Office of the Inspector General (OIG) electrical and fire protection findings.

Government contract administration policies and practices were not the focus of this inspection. Additionally, we did not identify and review the performance of specific service contractors supporting U.S. Forces-Afghanistan (USFOR-A), although we are aware that contractors provide electrical and fire protection services for many U.S. occupied facilities in Afghanistan. For informational purposes, we requested copies of all original construction contracts, but they were not readily available at the time of these inspections and therefore were not reviewed in a comprehensive or detailed manner.

## Background

Previous OIG inspections identified multiple and recurring NEC violations and fire protection systems deficiencies in U.S. occupied facilities in Afghanistan. Therefore the DoD OIG announced this inspection on February 14, 2012, which identified the inspection locations of Kandahar Air Field (KAF), and Bagram Air Field (BAF).

## Methodology

We inspected facilities for compliance with NEC, UFC, and NFPA standards. Two teams conducted the inspections; one team inspected electrical systems and one team inspected fire protection systems. The facilities were selected for inspection from the density lists<sup>1</sup>, and non-density lists (when available) and then prioritized by occupancy and use. Also facilities were selected for verification of corrective actions from previous DoD OIG assessments and inspections, and from information gained during the inspections.

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<sup>1</sup> The “density list” is a list of facilities which are under maintenance contracts with the Government Logistics Civil Augmentation Program (LOGCAP) support contractors.



We conducted inspections at KAF and BAF. At the end of each site inspection, we briefed the garrison commands and USFOR-A representatives and provided them draft copies of all findings. We issued Notices of Concerns (NOCs) to U.S. Central Command (CENTCOM) at the conclusion of each team's site inspection. CENTCOM then had 30 days to respond to our NOC. The individual NOCs included all findings and identified the major areas of concern grouped into broad categories. The NOCs also highlighted findings of a critical nature requiring immediate corrective action.

CENTCOM responded to our NOCs (see Appendices B and C). This report covers the major areas of concern that we identified as systemic issues during the KAF and BAF inspections. In addition, we conducted follow-up reviews of corrective actions taken in response to DoD OIG Reports at KAF and BAF.

## Summary of Results

We conducted electrical and fire protection inspections first at KAF from April 26, 2012, to May 21, 2012, and then at BAF from July 12, 2012, to August 21, 2012. During the course of these inspections, we inspected a total of 222 facilities and documented a total of 1,089 findings: 440 electrical and 649 fire protection findings (Table 1). Of the 440 electrical findings, 44 required immediate corrective action; and of the 649 fire protection findings, 27 required immediate corrective action (Tables 2a and 2b). All findings affect life, health, and safety, however these 71 findings present an immediate danger to personnel and therefore require immediate corrective action; they are listed in detail in the following section and in the main body of the KAF and BAF NOCs issued June 29, 2012, and October 10, 2012, respectively (see Appendices B and C). Also, a complete list of all electrical and fire protection findings are in the logs attached to these NOCs.

*Table 1. Total Findings for KAF and BAF*

Location	Facilities Inspected	Electrical Findings	Fire Protection Findings	Site Location Total
KAF	104	109	304	413
BAF	118	331	345	676
<b>Total</b>	<b>222</b>	<b>440</b>	<b>649</b>	<b>1,089</b>

*Table 2a. Findings Requiring Immediate Corrective Action for KAF and BAF*

Location	Electrical Findings	Fire Protection Findings	Site Location Total
KAF	5	18	23
BAF	39	9	48
<b>Total</b>	<b>44</b>	<b>27</b>	<b>71</b>

<sup>2</sup> All findings are violations of criteria from NEC, UFC, or NFPA standards. They contain a complete description with the location of the violation; also attached to the findings are the criteria that was violated, and descriptive pictures of the actual violations.

Table 2b. 71 Critical findings listed by site

Locations	Critical Findings
<b>KAF - 5 Critical Electrical Findings</b>	KAF-EL-120426-025, -026, -047, -084, & -097
<b>KAF - 18 Critical Fire Protection Findings</b>	<b>KAF-FP-120426</b> -097, -098, -099, -100, -101, -102, -103, -104, -105, -106, -107, -108, -110, -140, -162, -186, -292, & -314
<b>BAF - 39 Critical Electrical Findings</b>	<b>BAF-EL-120709</b> -014, -026, -030, -031A, -036, -041, -043, -056, -074, -087, -124B, -142, -145, -150, -152, -161, -163, -168, -170, -197, -199, -214, -223, -225, -228, -230, -240, -242, -248, -250, -272, -274, -283, -285, -291A, -295, -332, -335, & -336,
<b>BAF - 9 Critical Fire Protection Findings</b>	<b>BAF-FP-120709</b> -041A, -043, -044, -045, -065, -069, -095, -129 & -241

## Findings Requiring Immediate Corrective Action

### **Electrical Standards - KAF**

At KAF, the five electrical standards findings requiring immediate corrective action are:

- In Building 518, reverse polarity and no grounding of kitchen receptacles: (Finding KAF-EL-120426-026)
- In Building 518, main electrical panel wires are not color-coded to any standard: (Finding KAF-EL-120426-025)
- In Building 156 “Old Kandahar Hotel,” live power cables placed directly on roof top: (Finding KAF-EL-120426-084)
- In Building 156 “Old Kandahar Hotel,” there are unprotected wires used throughout the living quarters: (Finding KAF-EL-120426-047)
- In Building RLB7B, living quarters are unsafe for occupancy due to severe wiring issues: (Finding KAF-EL-120426-097)

### **Electrical Standards - BAF**

At BAF, the eight areas with their respective 39 findings electrical standards findings requiring immediate corrective action are:

- In Building 25170, the Craig Joint Theater Hospital, the automatic power transfer switch for the back-up power generator is non-operational: Finding (BAF-EL-120709-030)

- In front of Building 25022 along Disney Street, there are low hanging overhead power lines. A Mine Resistant Ambush Protected (MRAP) Vehicle was found with one of its antennas in contact with an overhead power line: Finding (BAF-EL-120709-036)
- In Building 25059, Aircraft Hangar, the conductors are overheated, one conductor wire is noticeably smaller than the other, and the conduit to the high bay lighting has an electrical frequency vibration: Finding (BAF-EL-120709-041)
- Outside Building 16534B at Camp McCool, the service panel is wired directly to the transformer and has no main disconnecting means or circuit breaker to de-energize the circuit breakers that feed out to various buildings: Finding (BAF-EL-120709-074)
- In Buildings 14993 & 14996 Clamshell Gyms, main distribution panel is grounded with undersized conductor wire, and subpanels are earth grounded to the building frame and earth: Finding (BAF-EL-120709-336)
- No main bonding jumper to earth ground in the main service equipment panels: Findings (BAF-EL-120709-014, -043, -124B, -150, & -240)
- Systemically throughout BAF, flexible cords such as extension cords, appliance cords, power strips, etc. were found to have no ground contact (ground prong): Findings (BAF-EL-120709-026, -031A, -087, -142, -152, -161, -168, -197, -199, -225, -228, -230, -250, -272, -283, -285, & -335)
- Ground Fault Circuit Interrupter (GFCI) not installed or are nonfunctional: Findings (BAF-EL-120709-056, -145, -163, -170, -214, -223, -242, -248, -274, -291A, -295, & -332)

### ***Fire Protection Standards - KAF***

At KAF, the five areas with their respective 18 fire protection findings requiring immediate corrective action are:

- In building 156 “Old Kandahar Hotel,” there are insufficient numbers of sprinklers and fire alarms, egress deficiencies, and combustible construction material is present: Findings (KAF-FP-120426-097 through -107)
- In Building 543B, there is no HVAC emergency electrical disconnect: Finding (KAF-FP-120426-314)



- The Yankee aircraft hangars that are occupied, have no operable fire protection: Findings (KAF-FP-120426-108 & -110)
- In the Kandahar Medical clinic, one exit is blocked: Finding (KAF-FP-120426-292)
- There are missing and disabled smoke detectors throughout KAF: Findings (KAF-FP-120426-140, -162, & -186)

### ***Fire Protection Standards - BAF***

At BAF, the three areas with their respective nine fire protection findings requiring immediate corrective action are:

- In Building 25059 'Dust-off Hangar', living areas within the hangar violate multiple code sections: Findings (BAF-FP-120709-041A, -043, -044, -045, -065, & -069)
- In Building 66175, 'Detention Facility in Parwan' (DFIP), the fire pumps do not function automatically: Finding (BAF-FP-120709-129)
- In Building 15854, 'Camp Alpha Gym,' and Building 25107, 'Rock Gym' the interior foam insulation in gym is highly flammable: Finding (BAF-FP-120709-095, & -241)

## Follow-up Reviews

We conducted follow-up reviews at KAF of corrective actions taken in response to two previous DoD OIG reports; one from the DoD OIG Special Plans and Operations (Report No. SPO-2009-005, July 24, 2009) titled, “Assessment of Electrical Safety in Afghanistan”, and one from DoD OIG Audit (Project No. D2010-D000JB-0078, April 13, 2010) titled, “Maintenance of Electrical Wiring in Buildings at Kandahar Air Field, Afghanistan”. We identified several corrective actions that were not fully implemented or completed in the NOCs for KAF (see Appendix B).

We also conducted a follow-up review at BAF of corrective actions taken in response to findings from a previous DoD OIG audit of the Detention Facility in Parwan (DFIP) (Report No. DODIG-2012-089, May 17, 2012) titled, “Better Contract Oversight Could Have Prevented Deficiencies in the Detention Facility in Parwan, Afghanistan”. We identified electrical corrective actions that were not fully implemented or completed in the NOCs for BAF (see Appendix C).

## Electrical Finding Categories

We categorized the 440 electrical findings into 6 categories. See Table 3 for the number of electrical findings per category and the total number of findings at each site.

1. **Grounding and bonding:** No bonding between neutral and grounding bus bars in main panels, many cases of exposed grounding conductors and electrodes unprotected from damage, missing ground prongs, and missing and incorrectly wired Ground Fault Circuit Interrupter (GFCI) receptacles (Figure 1). The missing ground contact does not provide a return path for the ground fault current. A ground fault could energize the metal on any device plugged into extension cords without tripping the circuit breaker. Metal surfaces on appliances can also become energized without tripping the circuit breaker. These grounding issues could lead to fire, electrical shock, and/or electrocution.
2. **Misuse of plastic-sheathed cables:** Multiple cases of indoor-rated, plastic-sheathed cables used in damp outdoor locations, unsupported and unprotected by conduit and raceways (Figures 2, 3, and 4). Improperly mounted cables and breaks in raceways increases the risk of abrasion and breaks in conductors, which could cause fire, electrical shock, and/or electrocution.
3. **Misuse of extension cords:** Use of extension cords penetrating walls, run under floor mats, and run through doorways rather than approved fixed wiring

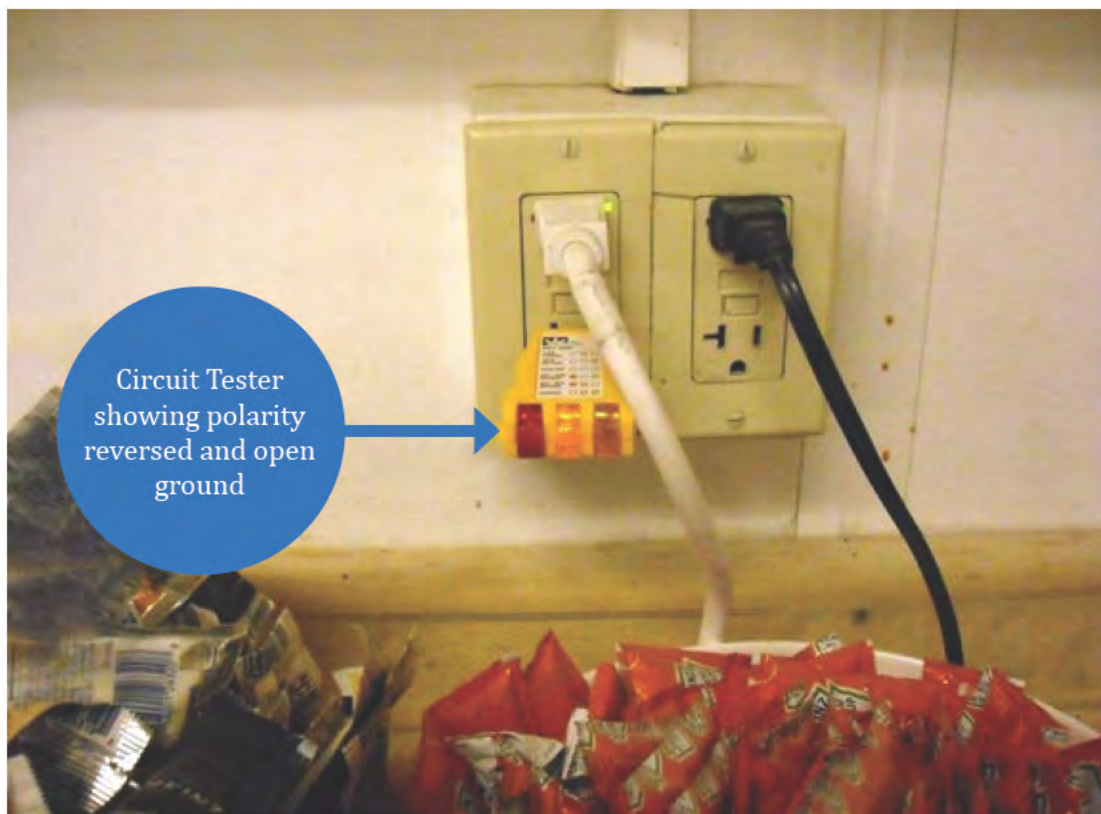
was significant. Extension cords used under these conditions are subject to damage and abrasion (figure 5). The use of an extension cord instead of fixed wiring creates the possibility of fire, electrical shock, and/or electrocution due to unprotected live conductors and overloading of circuitry.

4. **Hazardous electrical service to facilities:** Electrical wires supported by rooftops, many cases of incomplete or damaged electrical panels, and electrical panels that are missing front covers and other covers for openings (Figures 6, 7, 8 and 9). Power lines draped over the top of buildings and structures present a high risk for fire and electrocution. Energized panel enclosures with front covers that do not fit properly expose energized wires, increasing the risk of electrocution to personnel accessing the circuit breakers. Also, damaged electrical panels present the possibility of other unseen internal damage and could result in ground faults/arc flash and potential fire, electrical shock, and/or electrocution.
5. **No means to disconnect equipment:** Appliances, primarily air-conditioning units, which are permanently wired to building power with no means of disconnect, such as an outlet or switch, is systemic. In the event of a malfunction, no means of disconnection is readily available and this increases the risk of a fire or electrical shock and/or electrocution to personnel working on the unit.
6. **Other:** Non-systemic issues include the lack of an automatic charging system for the fire pump house water pump engines, nonoperational hospital standby/backup power system, improper color coding of electrical wires (Figure 10), and electrical receptacles filled with paint.

*Table 3. Electrical Findings at Each Site*

Category	KAF	BAF
Grounding and bonding	21	65
Misuse of plastic-sheathed cables	7	17
Misuse of extension cords	29	51
Hazardous electrical service to facilities	35	161
No means to disconnect equipment	9	15
Other	8	22
<b>Total</b>	<b>109</b>	<b>331</b>





KAF-EL-120426-026

Figure 1. Reverse Polarity and No Grounding - Chaplain's Office Building Kitchen Area



KAF-EL-120426-055

Figure 2. Noncontiguous Raceway in Outdoor Location



BAF-EL-120709-169  
Figure 3. Unsecured and Unprotected Cables – Main Post Exchange



KAF-EL-120426-056B  
Figure 4. Outdoor Hazardous Service Drops to Living Quarters





KAF-EL-120426-072 (left)      KAF-EL-120426-087 (right)  
Figure 5. Extension Cords Used as Permanent Wiring Run Through Doorways and Walls – Office Building



KAF-EL-120426-075  
Figure 6. Hazardous Workmanship

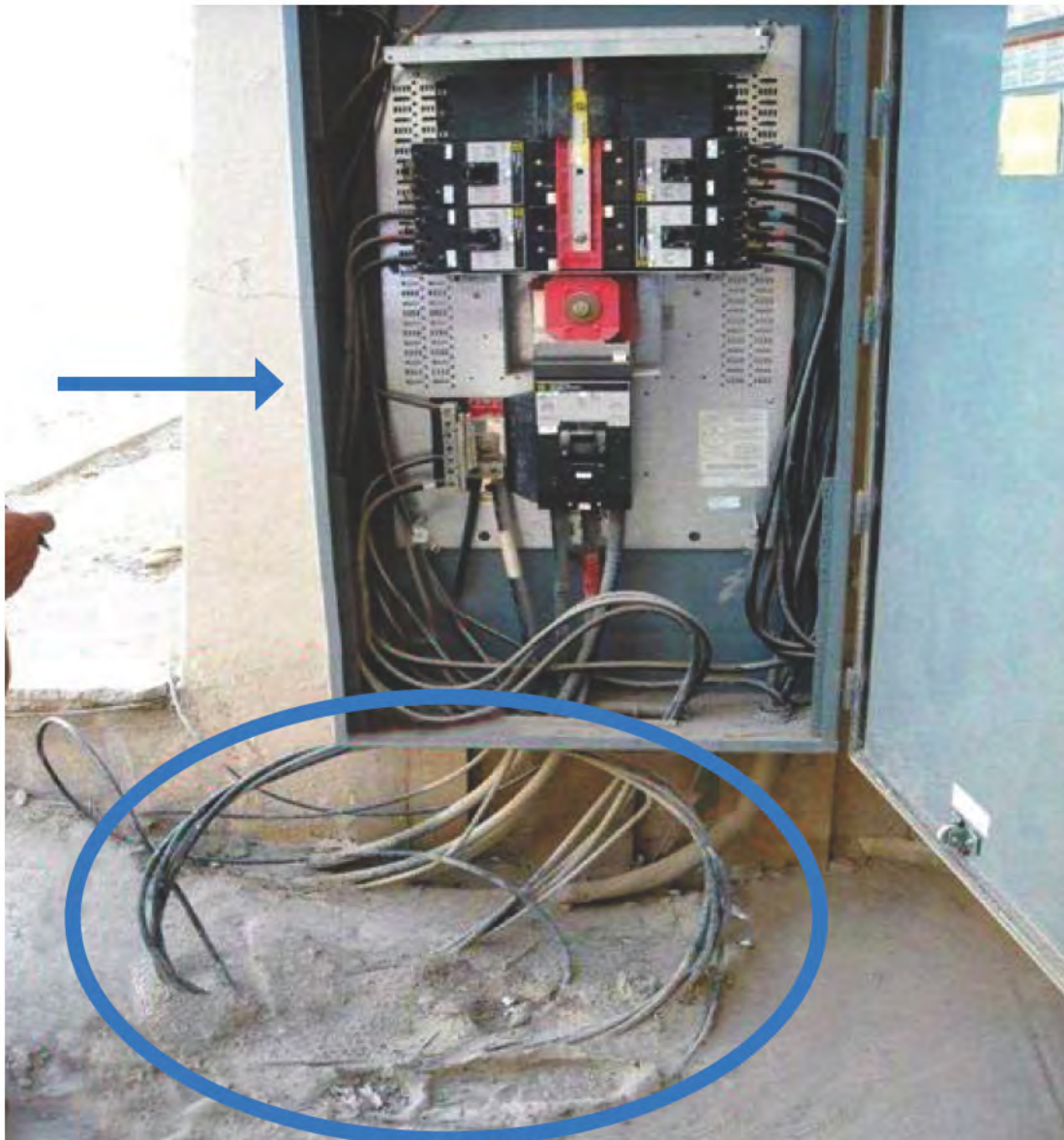




BAF-EL-120709-017 (left)    BAF-EL-120709-063 (right)  
Figure 7. Damaged and Hazardous Electrical Panels



KAF-EL-120426-084  
Figure 8. Power Lines Run Across Roof of Living Quarters



KAF-EL-120426-057

Figure 9. Unprotected Cables Buried in Concrete (Circled) and Missing Front Panel Covers





KAF-EL-120426-025

Figure 10. Improperly Color Coded Wires in Main Panel – Chaplain's Office Building

## Fire Protection Finding Categories

We grouped the 649 fire protection findings into 6 categories. See Table 4 for the number of fire protection findings per category, and the total number of findings at each site.

1. **Means of egress:** Locked and obstructed exits and inadequate exit configurations, signage, and emergency lighting. Many cases where the exits are locked, obstructed (Figure 11) or not clearly identified in all lighting levels; occupants may become confused or even trapped by not being able to readily locate the exit during an emergency.
2. **Fire suppression:** Lack of sprinkler systems, and fire sprinkler pump houses that are nonfunctional or not maintained. This is significant as fire sprinklers are the most effective means of controlling a fire in the incipient stages and reducing the risk of injury or loss of life. Also includes kitchen hood extinguishers that are nonfunctional or not maintained (Figure 12). Kitchens have deep fryers and cooking equipment that produce grease-laden vapors. Failure to maintain a functional fire suppression system for kitchen cooking equipment results in an increased risk of fire and a significant risk of fire spreading rapidly throughout the facility.
3. **Fire alarm and notification systems:** Many systems are out of service or not connected to dispatch and insufficient smoke or heat detection (Figure 13). An out of service fire alarm system results in an increased threat to safety because it does not detect fire or smoke or notify building occupants. The inoperable system also provides a false sense of security to building occupants.
4. **Fire prevention:** Overgrown vegetation, trash around many buildings, and fuel tanks positioned too close to buildings. Vegetation that builds up around buildings becomes a fire hazard and fuel tanks are an obvious fire risk.
5. **Construction-passive protection:** Lack of firewalls in sleeping areas, inadequate exit protection, and combustible materials (Figure 14). The systemic use of combustible materials in sleeping areas creates an increased risk of fire, which could lead to the loss of life and mission-critical assets.
6. **Building separation:** Non-adherence to fire separation distance requirements is significant. Buildings are spaced too close to one another without properly rated walls or installed revetments to protect the openings of other structures, which contributes to the rapid spread of fire from one structure to another.



Table 4. Fire Protection Findings at Each Site

Category	KAF	BAF
Means of egress	76	113
Fire suppression	21	94
Fire alarm and notification systems	78	75
Fire prevention	44	30
Construction-passive protection	81	19
Building separation	4	14
<b>Total</b>	<b>304</b>	<b>345</b>





BAF-FP-120709-333

Figure 12. Nonfunctional Kitchen Fume Hood Fire Suppression Systems  
(Note Flammable Grease in Light Fixture)



BAF-FP-120709-244

Figure 13. Inoperable Fire Alarm Systems In Living Quarters  
Closed and Opened - Burned Out with Internal Control Panel Removed



## Systemic Electrical Standards Issues

The inspections identified that KAF and BAF have inadequate Government resources to conduct oversight of electrical inspections of facilities and to ensure that minimum NEC requirements are met, as evidenced by the 440 findings.

Our discussions with the garrison commanders and their staffs revealed that, at the time of these inspections, they lacked qualified Government or contractor electricians to perform inspection, testing, and maintenance. Furthermore, our interviews with the Bagram Director of Public Works, Base Engineer, Base Operations Support-Integration (BOS-I), indicated that camp mayors subordinate to garrison commands often used members of their own staff with tradesmen knowledge to perform electrical tasks. These tasks would include maintenance and repairs of facilities not on the density lists or performing tasks not contractually required on the density list maintenance contract. We invited technical personnel from government and LOGCAP support contractors (Dyncorp and Fluor) to accompany us on our inspections. However, only technical personnel from Dyncorp at KAF attended, and personnel from Fluor at BAF attended intermittently. Task



Force POWER (TF POWER)<sup>3</sup> had one Government civilian electrician at each air field with the capability of contacting TF POWER support contractors to effect repairs. Even though TF POWER had 196 contract electrical inspectors in Afghanistan, the number of DoD OIG findings suggest that the TF POWER workforce is insufficient to meet the requirements of this critical mission.

In addition, during our discussions with Bagram Regional Contracting Command (BRCC), we were informed that contracting officer's representatives (CORs) provide critical support and information to BRCC for contract management. However, according to the BRCC official, there is a lack of qualified CORs serving in that capacity. BRCC acknowledged that CORs were often overloaded with projects and lacked the necessary technical backgrounds to approve electrical and fire suppression systems installations.

The lack of sufficient Government oversight can create an overreliance on construction or maintenance contractors to identify and correct compliance deficiencies. Per our discussions, facility construction contractors perform inspections during initial construction. LOGCAP maintenance contractors (Dyncorp and Fluor) perform inspections prior to acceptance of facilities onto the density lists but may also perform inspections during construction to generate deficiency lists to aid in repair during construction. These contractor inspections aid in identifying deficiencies that the construction contractor is required to repair. Once a facility is placed on the density list, the LOGCAP maintenance contractor becomes contractually responsible for the maintenance. These contractor inspections do not supplant the need for independent Government verification of contractor compliance with electrical and fire safety codes at the time of construction and during contract maintenance or repair effort. Additionally, the requirement for maintenance and repair of some facility items, as well as critical systems, such as back-up power systems and fire suppression systems, may be excluded from the maintenance contract. Verifying compliance of contract work to code standards remains the responsibility of the assigned COR or other Government technical personnel such as TF POWER. However, the number of findings indicates a lack of sufficient qualified Government technical personnel.

## Recommendations - Electrical Standards

### ***Recommendation 1***

We recommend that a priority be given to correcting the 44 critical electrical findings tallied in Tables 2a and 2b of this report.

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<sup>3</sup> Task Force POWER Overview July 12, 2012, states that TF POWER's roles and responsibilities are to inspect fire and electrical life, health, and safety hazards throughout the Combined/Joint Operations Area- Afghanistan (CJOA-A).



### *CENTCOM Comments*

Response: Concur. USCENTCOM continues to work with USFOR-A to assist with correcting the 44 critical electrical standard safety deviations. Per the USFOR-A response memorandum dated 26 MAY, USFOR-A has taken actions to correct 29 of the 44 electrical standard deviations. USCENTCOM Engineer Division continues to coordinate with USFOR-A in this effort. USFOR-A estimates that the remaining 15 electrical standard deviations will be corrected before 1 January 2014.

### *DoD OIG Response*

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

## **Recommendation 2**

We recommend that all 440 electrical findings (which includes the 44 critical electrical findings) be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E).

### *CENTCOM Response*

Response: Partially Concur. USFOR-A continues to evaluate and address life, health and safety standard deviations in accordance with risk management standard operating procedures and practices that have identified and corrected approximately 326,000 deviations. A new plan, coordinated with an agency external to USCENTCOM would not be in place to address the remaining deviations in a timely manner. USCENTCOM remains committed to ensuring the safety of all personnel and resources are not jeopardized due to electrical standard deviations, and concurs with USFOR-A's assessment that a new plan is not required.

### *DoD OIG Response*

CENTCOM has expressed their intention to work corrective actions for the findings identified by these inspections. We recommend that CENTCOM coordinate their plan for addressing these findings with AT&L (I&E), however, we accept their explanation for the logistical limitations to implementing this in a timely manner. Therefore we consider their comments responsive. No additional comments from CENTCOM are required.

## **Recommendation 3**

We recommend that USFOR-A review the Government oversight and inspection requirements for electrical systems and ensure that sufficient qualified resources

are available and deployed to meet requirements throughout the USFOR-A area of responsibility.

#### *CENTCOM Response*

Response: Concur. USFOR-A has developed a plan that ensures electrical repair and inspection personnel are available to evaluate the life, health and safety standards of 4,469 facilities that will be occupied until US Forces vacate in December 2014. The remaining 4,227 facilities that will remain occupied beyond December 2014 will also be brought into code compliance in order to bring them onto the LOGCAP maintenance contracts, enabling recurring operations and maintenance support.

#### *DoD OIG Response*

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

### **Recommendation 4**

We recommend that provision be made for regular inspection and maintenance of electrical systems.

#### *CENTCOM Response*

Response: Concur. Following the DoD 10 inspection, USFOR-A implemented an aggressive plan to evaluate facilities in theater to assess their current compliance with electrical safety standards. Once the assessment is complete, USFOR-A will address any deviations identified to meet applicable electrical code and codify a schedule to ensure routine inspections and maintenance is conducted. USCENTCOM Engineer Division continues to coordinate with USFOR-A in this effort.

#### *DoD OIG Response*

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

### **Recommendation 5**

We recommend that the Commander, CENTCOM Joint Theater Support Contracting Command (C-JTSCC), review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.

### *CENTCOM Response*

Response: Concur. Our review of the report indicates that buildings had various electrical fire code and fire protection systems violations in direct noncompliance with Unified Facilities Criteria (UFC) and National Fire Protection Association (NFPA) standards. C-JTSCC, for its minor constructions projects, does include clause Warranty Clause 52.246.21 in its contracts to provide a contractual remedy where contract requirements were not satisfied. In addition, the verification of compliance to contract requirements are the responsibility of our assigned Contracting Officer Representatives (CORs), Quality Assurance Specialists (QAS'), and Construction Representatives (CONREPs).

### *DoD OIG Response*

CENTCOM comments were partially responsive. C-JTSCC identified a Warranty clause that establishes the requirement for contract compliance for a period of 1 year from date of final acceptance, without limiting the Government's rights under the contract's Inspection and Acceptance clause with respect to latent defects, gross mistakes, or fraud. The C-JTSCC response (see Appendix D) does not say, however, whether it intends to initiate, direct, or otherwise oversee Government action to determine if any of these contractual remedies are actually appropriate in response to the electrical and fire protection noncompliances identified in the audit report. Identifying contract provisions that provide the potential for contractual remedies is not sufficient. CENTCOM should ensure that Government contract officials undertake an assessment to determine whether any of the identified, potential contractual remedies are appropriate by evaluating the facts known about the electrical and fire protection noncompliances against the legal standards or other requirements associated with the potential contractual remedies.

## **Systemic Fire Protection Issues**

The inspections identified that KAF and BAF have inadequate Government resources to conduct fire protection inspections of facilities and to ensure that minimum UFC and NFPA requirements are met, as evidenced by the 649 findings.

Our discussions with the garrison commands and their staffs revealed that, at the time of these inspections, they lacked qualified Government fire alarm or fire suppression technicians to perform inspection, testing, and maintenance. Also, that in many cases, fire alarm and fire suppression systems were required as part of the construction contract; however, many of these systems were either not operational or not maintained after installation. Additionally, the LOGCAP support contractors (Dyncorp and Fluor) were

not contractually required to inspect, maintain, and repair fire alarm and suppression systems even after their installation. This paradigm is supported by our observations and findings identified against these systems as outlined in this report. There were some limited Government and LOGCAP contractor inspections on fire extinguishers and smoke detectors in some facilities, but this was not universal. Also, as discussed earlier, we invited technical personnel from both Government and LOGCAP support contractors (Dyncorp and Fluor) to accompany our inspections. However, only technical personnel from Dyncorp at KAF attended, and personnel from Fluor at BAF attended intermittently.

Neither KAF nor BAF had a fire protection plan (FPP) in the BCMPs as required by “The Sand Book.”<sup>4</sup> An FPP would define organizational authorities and responsibilities for fire protection and implement guidelines and policy for building classifications. In addition, a plan would provide an organized strategy to modify UFC and NFPA requirements to the unique wartime environment. The FPP would also define resources and responsibilities for inspection, testing, and maintenance of existing systems and buildings. Finally, a plan with modified requirements would contribute to practical and effective code implementation over the life cycle of the buildings, thereby enhancing the safety of the warfighter and preserving mission-critical assets.

The Sand Book, section 5-7 (3) (d), requires compliance with the UFC for semipermanent construction (defined as 2 years to less than 25 years). Exceptions are allowed with an approved FPP. The Sand Book, section 5-7 (3) (b), states, “An effective fire protection plan is critical to the safety of personnel, facilities, and equipment. The plan provides alternatives to the impracticable criteria in the UFC.” According to the Sand Book, Appendix C, Item 7 (f), the FPP is listed as a component of the BCMP. The BCMPs for KAF and BAF lack a comprehensive FPP.

## Recommendations – Fire Protection Systems

### ***Recommendation 1***

We recommend that a priority be given to correcting the 27 critical fire protection findings tallied in Tables 2a and 2b of this report.

#### *CENTCOM Response*

Response: Concur. Per the USFOR-A response memorandum dated 26 MAY, USFOR-A has taken actions to correct all 27 of the fire standard deviations either through remedial action or a post-construction waiver request consistent with the Defense Federal

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<sup>4</sup> USCENCOM Regulation 415-1 (17 Oct 2011), “Construction and Base Camp Development in the USCENCOM Area of Responsibility,” (The Sand Book).



Acquisition Regulation (OFAR) and USCENTCOM Regulation 415-1 which specify that any deviation from the requirements of Unified Facility Criteria due to prevailing operational conditions must be approved by the Combatant Commander or delegated engineering authority in writing. Waivers granted for fire standard deviations are scrutinized to ensure proper egress procedures and risk mitigation measures are implemented to safeguard personnel and resources.

### *DoD OIG Response*

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

## **Recommendation 2**

We recommend that all 649 fire protection findings (which includes the 27 critical fire protection findings) be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E).

### *CENTCOM Response*

Response: Partially Concur. USFOR-A continues to evaluate fire protection safety standard deviations in accordance with risk management standard operating procedures and practices that have identified and corrected approximately 326,000 deviations. A new plan coordinated with an agency external to USCENTCOM would not be in place to address the remaining deviations in a timely manner. USCENTCOM remains committed to ensuring the safety of all personnel and resources are not jeopardized due to fire standard deviations, and concurs with USFOR-A's assessment that a new plan is not required.

### *DoD OIG Response*

CENTCOM comments were responsive. No additional comments from CENTCOM are required. CENTCOM has expressed their intention to work corrective actions for the findings identified by these inspections. We recommend that CENTCOM coordinate their plan for addressing these findings with AT&L (I&E), however, we accept their explanation for the logistical limitations to implementing this in a timely manner. Therefore we consider their comments responsive. No additional comments from CENTCOM are required.

### ***Recommendation 3***

We recommend that USFOR-A review the Government oversight and inspection requirements for fire protection systems and ensure that sufficient qualified resources are available and deployed to meet requirements throughout the USFOR-A area of responsibility.

#### ***CENTCOM Response***

Response: Concur. USFOR-A has contracted services from certified fire protection engineers who provide the requisite technical expertise with fire alarm and suppression systems in theater. Any deviations from fire safety standards continue to be addressed in coordination with USCENTCOM Engineer Division.

#### ***DoD OIG Response***

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

### ***Recommendation 4***

We recommend that provision be made for regular inspection and maintenance of fire protection systems.

#### ***CENTCOM Response***

Response: Concur. Following the DoD IG inspection, USFOR-A implemented an aggressive plan to evaluate facilities in theater to assess their current compliance with fire safety standards. Once the assessment is complete, USFOR-A will address any deviations identified and codify a schedule to ensure routine inspections and maintenance is conducted. USCENTCOM Engineer Division continues to coordinate with USFOR-A in this effort.

#### ***DoD OIG Response***

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

### ***Recommendation 5***

We recommend that the Base Camp Master Plans include a comprehensive fire protection plan.

*CENTCOM Response*

Response: Concur. USCENTCOM Regulation 415-1, Construction and Base Camp Development in the USCENTCOM Area of Responsibility, requires fire protection plans as part of the Base Camp Master Plan (BCMP). CCR 41 5-1 provides alternatives to the criteria detailed in the Unified Facilities Criteria (UFC) 1-200-01 to ensure minimum life safety, and habitability for facilities constructed in contingency environments. Should the fire protection plan include deviations to those requirements, it must be reviewed by the appropriate authority having jurisdiction with experience and expertise for fire protection to ensure risk mitigation strategies effectively address any deviation.

*DoD OIG Response*

CENTCOM comments were responsive. No additional comments from CENTCOM are required.

**Recommendation 6**

We recommend that the Commander, CENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.

*CENTCOM Response*

Response: Concur. Our review of the report indicates that buildings had various electrical fire code and fire protection systems violations in direct noncompliance with Unified Facilities Criteria (UFC) and National Fire protection Association (NAPA) standards. C-JTSCC, for its minor constructions projects, does include clause Warranty Clause 52.246.21 in its contracts to provide a contractual remedy where contract requirements were not satisfied. In addition, the verification of compliance to contract requirements are the responsibility of our assigned Contracting Officer Representatives (CORs), Quality Assurance Specialists (QAS'), and Construction Representatives (CONREPs).

*DoD OIG Response*

CENTCOM comments were partially responsive. C-JTSCC identified a Warranty clause that establishes the requirement for contract compliance for a period of 1 year from date of final acceptance, without limiting the Government's rights under the contract's Inspection and

Acceptance clause with respect to latent defects, gross mistakes, or fraud. The C-JTSCC response (see Appendix D) does not say, however, whether it intends to initiate, direct, or otherwise oversee Government action to determine if any of these contractual remedies are actually appropriate in response to the electrical and fire protection noncompliances identified in the audit report. Identifying contract provisions that provide the potential for contractual remedies is not sufficient. CENTCOM should ensure that Government contract officials undertake an assessment to determine whether any of the identified, potential contractual remedies are appropriate by evaluating the facts known about the electrical and fire protection noncompliances against the legal standards or other requirements associated with the potential contractual remedies.

## Conclusion

KAF and BAF did not consistently adhere to minimum NEC and NFPA standards as evidenced by the 1,089 findings; 440 electrical findings and 649 fire protection standards findings.

Government Contracting Officer's Representatives do not have adequate independent technical support and therefore are over reliant on facility construction and maintenance contractors to provide technical expertise. Garrison commands also do not have adequate qualified Government or dedicated contractor electricians and fire alarm, or fire suppression technicians on their staffs to perform facilities maintenance inspection, testing, and repair activities.

In general, we found conditions that do not promote a safe environment for the warfighter. These conditions include electrical and fire protection violations that have significant potential for fire, electrical shock, and/or electrocution if they remain unchecked, and that the BCMPs lacked comprehensive fire protection plans necessary to improve and maintain the overall safety of the facilities.

Although, as stated earlier, government contract administration policies and practices were not the focus of this inspection, we recommend that the Commander, CENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.



## Appendix A

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### Scope and Methodology

We conducted the inspections on site at KAF and BAF from April through August 2012 in accordance with the Council of the Inspectors General on Integrity and Efficiency, “Quality Standards for Inspection and Evaluation.” Those standards require that we plan and perform the inspection to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our inspection objectives. The evidence obtained provides a reasonable basis for our findings and conclusions based on our inspection objectives.

### ***Use of Computer-Processed Data***

We did not use computer-processed data to perform this inspection.

## Appendix B

### Notice of Concerns and Responses - KAF

#### *NOC Electrical Standards Kandahar Air Field (Jun 29, 2012)*



INSPECTOR GENERAL  
DEPARTMENT OF DEFENSE  
4800 MARK CENTER DRIVE  
ALEXANDRIA, VIRGINIA 22304-1500

JUN 29 2012

MEMORANDUM FOR COMMANDER, U.S. CENTRAL COMMAND  
ASSISTANT SECRETARY OF THE AIR FORCE FOR  
FINANCIAL MANAGEMENT AND COMPTROLLER  
AUDITOR GENERAL, DEPARTMENT OF THE ARMY

SUBJECT: Notice of Concern – Inspection of Military Construction Compliance with Electrical Standards at Selected Facilities in Afghanistan (Project No. D2012-DT0TAD-0001)

We are issuing this Notice of Concern to inform you that the Department of Defense Inspector General (DoD IG) team identified issues that require your attention. During the Electrical Standards Inspection of the U.S. controlled and occupied facilities at Kandahar Air Field (KAF) from April 26, 2012, to May 21, 2012, the team identified 109 findings that violate National Electrical Code (NEC) requirements. Five of the findings require immediate corrective action due to the severity of their impact on life, health, and safety.

The majority of the findings are in the following categories: Grounding and bonding, electrical panels inside latrines, receptacles not ground-fault circuit-interrupter protected, misuse of unprotected plastic sheathed wiring, misuse of flexible cords and cables, no disconnect for air-conditioners, and improper electrical service to facilities. The five findings requiring immediate corrective action are:

- In Building 518, there is reverse polarity and no grounding of kitchen receptacles
- In Building 518, the main electrical panel wires are not color-coded to any standard
- In the "Old Kandahar Hotel," Building 156, there are live power cables placed directly on roof top
- In the "Old Kandahar Hotel" Building 156, there is unprotected wire used throughout the living quarters
- In Building RLB7B, the living quarters are unsafe for occupancy due to severe wiring issues

The assessment also identified inconsistent Government oversight and inspection of facilities. The Government relies heavily on contractors for quality assurance and quality control during design and construction, as well as for inspection and maintenance. Also, there is no comprehensive list of all facilities controlled and occupied by U.S. forces on KAF, only one full-time, Government representative for Task Force Power on KAF, and inadequate resources to meet minimum NEC requirements. Moreover, the high-volume of leadership turnover contributes to the diminished sense of ownership and a loss of history, experience, and data.

In addition, this assessment reviewed and verified for closure corrective actions from two previous DoD IG reports - one from DoD IG Special Program Operations (Report No. SPO-2009-005), and one from DoD IG Audit (Project No. D2010-D000JB-0078). The assessment identified several corrective actions that were not fully implemented or completed. These two

follow up corrective actions are described in finding numbers KAF-EL-120426-111 and KAF-EL-120426-109, respectively. These need to be readdressed in addition to the findings from this inspection.

Our findings are attached to this memorandum for your review and comment. DoD Directive 7650.3 requires that recommendations be resolved promptly. Please provide comments that state whether you agree or disagree with the findings and recommendations. If you agree with our recommendations, describe what actions you have taken or plan to take to accomplish the recommendations and include the completion dates of your actions. If you disagree with the recommendations or any part of them, please give specific reasons why you disagree and propose alternative action if appropriate. Once we complete our three inspections in Afghanistan, we will provide a report on our findings, along with any additional matters that might come to our attention.

Please provide your comments and proposed corrective actions by July 27, 2012. We will include copies of the comments in the report. The DoD IG views the corrective actions for all findings as critical to ensure the safety of the warfighter. If you consider any matters to be exempt from public release, you should mark them clearly for Inspector General consideration.

If possible, send a portable document format (.pdf) file containing your comments to [REDACTED]. Copies of your comments must have the actual signature of the authorizing official for your organization. We are unable to accept the /Signed/ symbol in place of the actual signature. If you arrange to send classified comments electronically, you must send them over the SECRET Internet Protocol Router Network (SIPRNET).

We appreciate the courtesies extended to the staff. Please direct questions to [REDACTED]  
[REDACTED]



Randolph R. Stone  
Deputy Inspector General  
Policy and Oversight

Attachments:  
As stated

## Kandahar Finding Log

*Electrical 21 May 2012*

Building	Date	Finding Number or Control Number	Abstract
241	2-May	KAF-EL-120426-001A	Building 241 has non-metallic raceway contains wire splices
241	2-May	KAF-EL-120426-002A	Five cases of over accessed circuits were found in building 241
241	2-May	KAF-EL-120426-003B	The hot water heater in Building 241 was found with improper grounding
241	2-May	KAF-EL-120426-004A	The exterior bottom of the main distribution electrical panel was found with exposed wiring and a wooden raceway.
241	2-May	KAF-EL-120426-005A	Extension cords were found to be constructed improperly in building 241.
243	2-May	KAF-EL-120426-006A	The exterior bottom of main distribution electrical panel was found with exposed wiring and wooden raceway.
244	2-May	KAF-EL-120426-007B	The hot water heater in Building 244 was found with improper grounding.
244	2-May	KAF-EL-120426-008A	Standard receptacles were installed on the outside of Bldg 244 where Ground-Fault Circuit-Interrupt (GFCI) protected outlet receptacles are required.
244	2-May	KAF-EL-120426-009A	An extension cord was used instead of fixed wiring in Building 244
243	2-May	KAF-EL-120426-010C	The hot water heaters in Building 243 were found with improper grounding.
243	2-May	KAF-EL-120426-011A	A male plug was found to be constructed improperly in Building 243
5868	2-May	KAF-EL-120426-013B	The hot water heater in Building 5868 was found with improper grounding
5865	2-May	KAF-EL-120426-014A	Non-metallic raceway contains wire splices were found in building 5868.
525	4-May	KAF-EL-120426-015A	Unsecured and unprotected cables were found in building 525.
hanger 7	4-May	KAF-EL-120426-017A	A defective Ground-Fault Circuit-Interrupt (GFCI) was found in Hanger 7
518	4-May	KAF-EL-120426-018A	The ground wire outside Building 518 is exposed and unprotected.
hanger 5	4-May	KAF-EL-120426-019A	Three male plugs were found to be constructed improperly in Hanger 5.
hanger 7	4-May	KAF-EL-120426-020A	An extension cord was used instead of fixed wiring in Hanger 7.
518	4-May	KAF-EL-120426-021	Cables were routed through a hole in an external wall in building 518.
518	4-May	KAF-EL-120426-022	There are no means to disconnect power to the two air conditioner units in Bldg 518.
518	4-May	KAF-EL-120426-023	The wiring outside Building 518 is exposed and unprotected
518	4-May	KAF-EL-120426-025	There are wires in the main panel in Building 518 that are improperly color coded.
518	4-May	KAF-EL-120426-026	There are two outlet receptacles in Building 518 improperly wired.
721	4-May	KAF-EL-120426-027	There are outlet boxes with missing side knockouts and receptacles not accessible in Buildings 721, 722, 723, and 724
309	4-May	KAF-EL-120426-028	There are inadequate number of receptacle outlet in building 309.



## Kandahar Finding Log Continued

Electrical 21 May 2012

Building	Date	Finding Number or Control Number	Abstract
721	6-May	KAF-EL-120426-029	Incorrect wire type and unprotected conductors were found feeding the distribution panel in Building 721,722,723, and 7
309	6-May	KAF-EL-120426-030	An incorrect wire type and unprotected conductors are feeding the distribution panel, and unprotected grounding wire were found in outside Building 309.
164	6-May	KAF-EL-120426-031	The Building 164 air conditioning unit has an improper external connector.
168	6-May	KAF-EL-120426-032A	The ground electrode outside Building 168 is exposed and unprotected
209	6-May	KAF-EL-120426-033A	Building 209 has exposed and unprotected ground electrodes outside.
209	6-May	KAF-EL-120426-034	Building 209 has an improper external connector.
518	6-May	KAF-EL-120426-035	There are three instances of unprotected wiring penetrating walls in Building 518D.
309	6-May	KAF-EL-120426-036	There is no means to disconnect power to the air conditioner unit in Bldg 309C
309	6-May	KAF-EL-120426-037A	The water feed pump outside of Bldg 309C has no means of disconnecting power.
245	6-May	KAF-EL-120426-038	The male latrine outside of Building 245 has an electrical distribution panel mounted in a non dedicated space inside the latrine.
309	7-May	KAF-EL-120426-039	There is a power distribution panel located inside the latrine Building 309C.
310	7-May	KAF-EL-120426-040	There is a distribution panel located inside the female latrine in front of Building 310.
310	7-May	KAF-EL-120426-041	There is a power distribution panel located inside the male latrine in front of Building 310.
157	7-May	KAF-EL-120426-043	Building 157A has an uncovered outlet switch on the outside wall.
157	7-May	KAF-EL-120426-044	There are no means of disconnect for a refrigerator in Building 157A.
157	7-May	KAF-EL-120426-045	There are no means of disconnect for an air conditioner in Building 157A.
156	7-May	KAF-EL-120426-046	Standard outlets were used on the exterior of Building 156.
156	7-May	KAF-EL-120426-047	Building 156 has numerous instances of nonmetallic (NM) type electrical wiring that is not concealed
156	7-May	KAF-EL-120426-048	There is not a front panel covering wires inside the service panel board as required.
156	7-May	KAF-EL-120426-049	Building 156 has several instances of "daisy chaining" of power strips and extension cords.
143	8-May	KAF-EL-120426-050	The ground wire outside Building 143 is exposed and unprotected.
143	8-May	KAF-EL-120426-051	Non Metallic type wire (Romex) is improperly installed inside Building 143.

## Kandahar Finding Log Continued

*Electrical 21 May 2012*

Building	Date	Finding Number or Control Number	Abstract
143	8-May	KAF-EL-120426-052	There are no power disconnection means for the two air conditioner units in Bldg 143.
157	8-May	KAF-EL-120426-053	There are no means of disconnect for a refrigerator in Building 157A.
157	8-May	KAF-EL-120426-054	There are no means of disconnect for an air conditioner in Building 157A.
156	8-May	KAF-EL-120426-055	Raceways routing wires outside Building 156 are not continuous.
156	8-May	KAF-EL-120426-056B	Wires running to Building 156 are supported by a palm tree.
156	8-May	KAF-EL-120426-057	Cables feeding the Building 156 panel board are not enclosed or protected from physical damage.
157	8-May	KAF-EL-120426-058	The compression clamp connector on a Building 157A junction box is not properly connected to the power cord.
157	8-May	KAF-EL-120426-059	There is an improper wire splice to an electrical discharge insert control system cord in Building 157A
309	12-May	KAF-EL-120426-060	The ground electrode outside Building 309 is exposed and unprotected.
724	12-May	KAF-EL-120426-061	The ground wire and electrode outside Building 724 are exposed and unprotected.
149	12-May	KAF-EL-120426-062	Flexible cords and cables are used as a substitute for fixed wiring in building 149.
157	12-May	KAF-EL-120426-063	There are no means to disconnect power to the two air conditioner units in Building 157.
Z Hut	12-May	KAF-EL-120426-064	Standard receptacles were installed on the outside of the Z Hut where Ground-Fault Circuit-Interrupt (GFCI) protected outlet receptacles are required.
149	12-May	KAF-EL-120426-065	Building 149 has numerous instances of nonmetallic (NM) type electrical wiring that is not approved for use in exposed applications.
157	12-May	KAF-EL-120426-066	There is no dead front panel covering wires inside the main panel in building 157.
149	12-May	KAF-EL-120426-067	Building 149 panel box M3 A3 has an unsupported electrical cable.
149	12-May	KAF-EL-120426-068	The circuits are not labeled in panel box M3 A3 in Building 149.
156	12-May	KAF-EL-120426-069A	The panel box outside Building 156 has several issues that do not meet NEC requirements.
Z Hut	12-May	KAF-EL-120426-070A	Conductors entering a lighting fixture box were not protected from abrasion in the Z Hut.
8882	12-May	KAF-EL-120426-071	External lights are connected to outlet receptacles that are not-Ground-Fault Circuit-Interrupt (GFCI)protected outside building 8882.
8882	12-May	KAF-EL-120426-072	There are multiple instances of flexible cords routed through doorways in building 8882.
709	12-May	KAF-EL-120426-073	There is an improper splice made in a flexible cord hanging from roof outside Building 709.

## Kandahar Finding Log Continued

Electrical 21 May 2012

Building	Date	Finding Number or Control Number	Abstract
709	12-May	KAF-EL-120426-074	There are unsupported cables run through the roof of Building 709.
709	12-May	KAF-EL-120426-075	The wiring outside of Building 709 exhibits poor workmanship.
709	12-May	KAF-EL-120426-076	There is an exposed ground wire and electrode outside of Building 709.
516	15-May	KAF-EL-120426-077	A distribution panel did not have the proper clearances in building 516B.
5816	15-May	KAF-EL-120426-078	The water heater in Building 5816 was found with improper grounding.
5816	15-May	KAF-EL-120426-079	The ground wire outside Building 516B is exposed and unprotected.
309	15-May	KAF-EL-120426-080	The wiring outside Building 309 exhibits poor workmanship.
157	15-May	KAF-EL-120426-081	There are no means of disconnect for a electrical discharge insect control system in Building 157A.
157	15-May	KAF-EL-120426-082	The Building 157A electrical junction box cover is missing.
157	15-May	KAF-EL-120426-083	Electrical junction box cover is missing on the exterior of building 157.
156	15-May	KAF-EL-120426-084	Live conductors were found placed directly on top of the roof of The Old Hotel building 156.
Stryker	15-May	KAF-EL-120426-085	Required bonding jumpers are missing in the Stryker and Engineering Brigade Buildings.
166	15-May	KAF-EL-120426-086	There are an inadequate number of receptacle outlets in billeting rooms inside building 166.
8882	16-May	KAF-EL-120426-087	There are three instances of unprotected wiring penetrating walls in Building 8882.
162	16-May	KAF-EL-120426-088	Electrical receptacle boxes were installed in the floor that were not specifically designed for floor use.
162	16-May	KAF-EL-120426-089	The wiring outside Building 162L exhibits poor workmanship.
166	16-May	KAF-EL-120426-090	Building 166, has an uncovered outlet switch on the outside wall between 166 and 162L.
242	16-May	KAF-EL-120426-091	The hot water heater in Building 242 was found with improper grounding.
SP RLBs	16-May	KAF-EL-120426-092	The circuit breakers in the South Park Re-Locatable Building (RLB) billeting unit 134 are mounted too high.
SP RLBs	16-May	KAF-EL-120426-093	There is a missing conduit connector leading into the air conditioning unit. In addition, the conduit is not glued in the South Park Re-Locatable Building (RLB) billeting unit room 134.
SP RLBs	16-May	KAF-EL-120426-094	There is an unused opening in a junction box in South Park Re-Locatable Building (RLB) room 134.
SP RLBs	16-May	KAF-EL-120426-095	The outlet receptacles and switch box are not grounded in South Park Re-Locatable Building (RLB) room 134.
SP RLBs	16-May	KAF-EL-120426-096	The light switch box in the hall way of the South Park Re- Locatable Building (RLB) is not ground and improperly color coded.

## Kandahar Finding Log Continued

*Electrical 21 May 2012*

Building	Date	Finding Number or Control Number	Abstract
SP RLBs	16-May	KAF-EL-120426-097	There are several NFPA electrical nonconformances related to the air conditioners and disconnect box located in the showers of the Re-Locatable Buildings (RLB).
SP RLBs	16-May	KAF-EL-120426-098	Panelboards are located in the shower rooms of the Re- Locatable Building (RLB) units.
SP RLBs	16-May	KAF-EL-120426-099	The GFCI receptacles boxes are not grounded in the shower rooms of the Re-Locatable Building (RLB) units at South Park.
SP RLBs	16-May	KAF-EL-120426-100	Panelboards are located inside the latrines of the Re- Locatable Building (RLB) units at South Park.
SP RLBs	16-May	KAF-EL-120426-101	There are several NFPA electrical nonconformances related to the air conditioners and disconnect box located in the latrines of the Re-Locatable Buildings (RLB) at South Park.
SP RLBs	16-May	KAF-EL-120426-102	The light switch box and GFCI receptacles boxes are not grounded in the latrines of the Re-Locatable Building (RLB) units at South Park.
8766A	17-May	KAF-EL-120426-103	In building 8766A an extension cord was used to power outside equipment from an inside receptacle that is not GFCI protected.
8766F	17-May	KAF-EL-120426-104	There are an insufficient number of outlets in Building 8766F.
231	17-May	KAF-EL-120426-105	Two extension cords were used instead of fixed wiring in Building 231.
228	17-May	KAF-EL-120426-106	An outlet receptacle was found installed in the floor that is not specifically designed for floor use in building 228.
Camp Losano	17-May	KAF-EL-120426-107	There are no warning signs outside the entrance to a high voltage substation and no warning signs on equipment in Camp Losano area.
231	17-May	KAF-EL-120426-108	There are an inadequate number of receptacle outlets inside building 231.
	17-May	KAF-EL-120426-109	The corrective actions in response to the DOD IG audit titled "National Electrical Code Violations - Kandahar Airfield, Afghanistan (Project No. D2010-D000JB-0078.000)" have not been completed.
SP Dinning	17-May	KAF-EL-120426-110	The breaker panel at the South Park dinning facility is missing cover plates for unused breaker openings.
		KAF-EL-120426-111	Observations from Report NO. SPO-2009-005 are not fully corrected.



## Appendix B Continued

### Notice of Concerns and Responses - KAF

#### *NOC Fire Protection Systems Kandahar Air Field (Jun 29, 2012)*



INSPECTOR GENERAL  
DEPARTMENT OF DEFENSE  
4800 MARK CENTER DRIVE  
ALEXANDRIA, VIRGINIA 22304-1500

JUN 29 2012

MEMORANDUM FOR COMMANDER, U.S. CENTRAL COMMAND  
ASSISTANT SECRETARY OF THE AIR FORCE FOR  
FINANCIAL MANAGEMENT AND COMPTROLLER  
AUDITOR GENERAL, DEPARTMENT OF THE ARMY

SUBJECT: Notice of Concern -- Inspection of Military Construction Compliance with Fire Protection Standards at Selected Facilities in Afghanistan (Project No. D2012-DTOTAD-0002)

We are issuing this Notice of Concern to inform you that the Department of Defense Inspector General (DoD IG) team identified issues that require your attention. During the Fire Protection Standards Inspection of the U.S. controlled and occupied facilities at Kandahar Air Field (KAF) from April 26, 2012, to May 21, 2012, the team identified 303 findings relative to life and safety, five of which require immediate action.

The majority of the findings are in the following categories: Means of egress, fire alarm notification system, fire sprinkler system, construction-passive protection, fire prevention, and inadequate hangar separation. However, there are five findings that require immediate corrective action. They are:

- In the "Old Kandahar Hotel" building 156, there are insufficient numbers of sprinklers and fire alarms, egress deficiencies, and combustible construction material is present
- In Building 543B, there is no HVAC emergency electrical disconnect
- The Yankee aircraft hangars that are occupied, have no operable fire protection
- In the Kandahar Medical clinic, one exit is blocked.
- There are missing and disabled smoke detectors throughout KAF

The inspection also identified inconsistent Government oversight and inspection of facilities. The Government relies heavily on contractors for quality assurance and quality control during design and construction, as well as inspection and maintenance. Also, there is no U.S. Government fire marshal responsible for all U.S. facilities and the high-volume of leadership turnover contributes to a diminished sense of ownership, and to the loss of history, experience, and data from previous rotations.

Furthermore, the KAF Base Camp Master Plan lacks a comprehensive fire protection plan. A fire protection plan would define organizational authorities and responsibilities for fire protection and implement guidelines and policy for building classifications. In addition, a plan would provide a tool to modify Unified Facilities Criteria and National Fire Protection Association requirements to KAF's unique wartime environment. It would also define resources and responsibilities for inspection, testing, and maintenance of existing systems and buildings. Finally, a plan with modified requirements, would contribute to practical and effective code implementation, therefore further ensuring the safety of the warfighter.

Our findings are attached to this memorandum for your review and comment. DoD Directive 7650.3 requires that recommendations be resolved promptly. Please provide comments that state whether you agree or disagree with the findings and recommendations. If you agree with our recommendations, describe what actions you have taken or plan to take to accomplish the recommendations and include the completion dates of your actions. If you disagree with the recommendations or any part of them, please give specific reasons why you disagree and propose alternative action if appropriate. Once we complete our three inspections in Afghanistan, we will provide a report on our findings, along with any additional matters that might come to our attention.

Please provide your comments and proposed corrective actions by July 27, 2012. We will include copies of the comments in the report. The DoD IG views the corrective actions for all findings as critical to ensure the safety of the warfighter. If you consider any matters to be exempt from public release, you should mark them clearly for Inspector General consideration.

If possible, send a portable document format (.pdf) file containing your comments to [REDACTED]. Copies of your comments must have the actual signature of the authorizing official for your organization. We are unable to accept the /Signed/ symbol in place of the actual signature. If you arrange to send classified comments electronically, you must send them over the SECRET Internet Protocol Router Network (SIPRNET).

We appreciate the courtesies extended to the staff. Please direct questions to [REDACTED].



Randolph R. Stone  
Deputy Inspector General  
Policy and Oversight

Attachments:  
As stated

## Kandahar Finding Log

Fire Protection 21 May, 2012

Building	Date	Finding Number or Control Number	Abstract
5868	2-May	KAF-FP-120426-001A	An emergency light fixture was not functional during testing
241	2-May	KAF-FP-120426-003B	Automatic detection is not provided in the latrines of building 241.
241	2-May	KAF-FP-120426-005A	Corridor smoke detection spacing in building 241 is insufficient
241	2-May	KAF-FP-120426-006A	The building 241 fire alarm visual notification appliance (strobe light) spacing is insufficient in corridor.
241	2-May	KAF-FP-120426-007A	The fire alarm system in building 241 is non-operable.
241	2-May	KAF-FP-120426-008A	Smoke detectors in building 241 are loosely mounted to conduit.
242	2-May	KAF-FP-120426-010A	Building 242 does not provide the required fire sprinkler system.
242	2-May	KAF-FP-120426-011	Building 242 fire alarm visual notification device (strobes) spacing is insufficient on the corridor..
242	2-May	KAF-FP-120426-012	The fire alarm system in building 242 is currently out of service.
242	2-May	KAF-FP-120426-013	Building 242 corridor smoke detection (hard-wired and battery unit) spacing is insufficient.
242	2-May	KAF-FP-120426-014	Automatic smoke/heat detection is not provided in the building 242 latrines.
242	5-May	KAF-FP-120426-016	The glass rod is missing from the fire alarm pull station in building 242.
243	5-May	KAF-FP-120426-017	The lighting fixtures for the discharge area outside the exit doors are not on emergency power in building 243.
243	5-May	KAF-FP-120426-018	An exit sign was hanging by the electrical wires in building 243.
243	5-May	KAF-FP-120426-019	Building 243 does not provide the required fire sprinkler system.
243	5-May	KAF-FP-120426-020	The Building 243 fire alarm visual notification device (strobes) spacing is insufficient on the corridor.
243	5-May	KAF-FP-120426-021	The fire alarm system is currently out of service in building 243.
243	5-May	KAF-FP-120426-022	Automatic detection is not provided in the latrines in building 243
243	5-May	KAF-FP-120426-024	Glass rod is missing from fire alarm pull station in building 243.
244	5-May	KAF-FP-120426-025	Corridor smoke detection (hardwired and battery unit) spacing is insufficient in Building 244
244	5-May	KAF-FP-120426-026	The fire alarm visual notification device (strobes) spacing is insufficient on the corridor of building 244.
244	5-May	KAF-FP-120426-027	The fire alarm system is currently out of service in building 244.
244	5-May	KAF-FP-120426-28	Automatic detection is not provided in the latrines in building 244.
250	5-May	KAF-FP-120426-030	There are fire sprinklers which are too far from the ceiling in building 350A.
525	5-May	KAF-FP-120426-031	There is no illuminated exit sign in building 525

## Kandahar Finding Log Continued

*Fire Protection 21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
525	5-May	KAF-FP-120426-032	Means of egress is not level for building 525
525	5-May	KAF-FP-120426-033	Fire extinguisher inspection unknown within building 525
525	5-May	KAF-FP-120426-034A	Smoke detectors are not interconnected in building 525.
525	5-May	KAF-FP-120426-035	Smoke detectors are missing or disabled in building 525
709	5-May	KAF-FP-120426-038	There is no illuminated exit sign in building 709
709	5-May	KAF-FP-120426-039	Exit discharge stairs are noncompliant for Building 709
709	5-May	KAF-FP-120426-040	Fire extinguisher inspection unknown within building 709
709	5-May	KAF-FP-120426-041	There was no fire extinguisher provided in the north business area of building 709.
518	8-May	KAF-FP-120426-042A	The Building 518 rear exit door has inappropriate locks for a means of egress.
518	8-May	KAF-FP-120426-043	Building 518 exterior exit discharge lighting was not on emergency power.
518	8-May	KAF-FP-120426-044	Building 518 has only one means of egress.
	8-May	KAF-FP-120426-045	Fire extinguisher monthly maintenance has not been regularly conducted.
518	8-May	KAF-FP-120426-046	The smoke detector spacing is non-compliant in building 518.
518	8-May	KAF-FP-120426-047	The fuel container outside of the building 518 does not have label indicating fuel type and capacity.
518	8-May	KAF-FP-120426-048	Building 518's perimeter is overgrown with vegetation
709	8-May	KAF-FP-120426-049	Building 709 has a missing smoke detector.
709	8-May	KAF-FP-120426-050	Smoke detectors are not interconnected in building 709.
710	8-May	KAF-FP-120426-052	The separation distance between Building 710 and the building behind it is inadequate.
710	8-May	KAF-FP-120426-053	Building 710 contains a storage area that is not separated by a fire-rated wall.
710	8-May	KAF-FP-120426-054	There is no illuminated exit signs in building 710.
710	8-May	KAF-FP-120426-055	Building 710 has raised threshold at the kitchen door that exceeds requirements
710	8-May	KAF-FP-120426-056	Building 710 has exit stairs that do not meet the requirements of NFPA 101.
710	8-May	KAF-FP-120426-057	Building 710 has non-compliant exit stair dimensions that lead to the sidewalk.
710	8-May	KAF-FP-120426-058	The Building 710 fire extinguishers have not been inspected or maintained.
710	8-May	KAF-FP-120426-059	Building 710 has a missing smoke detector



## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
710	8-May	KAF-FP-120426-060	Smoke detectors are not interconnected in building 710.
710	8-May	KAF-FP-120426-061A	Building 710 is partially constructed with exposed plywood walls on interior of building
5868	8-May	KAF-FP-120426-062	The modular housing buildings 5868 and 5882 lighting fixtures for the discharge area outside the exit doors are not on emergency power.
5868	8-May	KAF-FP-120426-063	Modular housing buildings 5868 and 5882 do not provide the required fire sprinkler system.
5868	8-May	KAF-FP-120426-064	Corridor smoke detection (hardwired and battery unit) spacing is insufficient in modular housing buildings 5868 and 5882
5868	8-May	KAF-FP-120426-065	The fire alarm visual notification device (strobes) spacing is insufficient on the corridor of modular housing buildings 5868 and 5882.
5868	8-May	KAF-FP-120426-066	The fire alarm system in buildings 5868 and 5882 is non-operable
5868	8-May	KAF-FP-120426-067	Automatic detection is not provided in the latrines in the modular housing buildings 5868 and 5882.
5868	8-May	KAF-FP-120426-068	The fire alarm pull station in building 5868 is missing the glass rod.
143	9-May	KAF-FP-120426-069	The building separation distance between building 143 and the building behind it is non-compliant.
143	9-May	KAF-FP-120426-070	Building 143 contains a storage area that is not separated by a fire-rated wall.
143	9-May	KAF-FP-120426-071	Illuminated exit/directional signage is insufficient in building 143
143	9-May	KAF-FP-120426-072	The building 143 exit sign at the main entrance does not have adequate visibility in the corridor.
143	9-May	KAF-FP-120426-073A	The front deck of building 143 does not meet dimensional requirements.
143	9-May	KAF-FP-120426-074	Fire extinguishers in building 143 are not properly mounted, inspected or maintained
143	9-May	KAF-FP-120426-075	Building 143 corridor smoke detection (battery unit) spacing is insufficient.
143	9-May	KAF-FP-120426-076	Automatic detection is not provided in the latrine or storage closet within building 143
143	9-May	KAF-FP-120426-077	Smoke detectors are not interconnected in building 143.
143	9-May	KAF-FP-120426-078A	Building 143 is constructed with exposed plywood walls on interior of building.
157	9-May	KAF-FP-120426-079	There are no emergency lighting fixtures for the discharge area outside the exit doors in building 157A.
157	9-May	KAF-FP-120426-080	The building separation distance between buildings 157A and the old hotel building does not meet IBC requirements.
157	9-May	KAF-FP-120426-081	There is no illuminated exit signage in building 157A.

## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
157	9-May	KAF-FP-120426-082	There is no emergency lighting in the kitchen within building 157A.
157	9-May	KAF-FP-120426-083A	There are several egress paths in building 157A that do not meet requirements.
157	9-May	KAF-FP-120426-084	Exit doors are not equipped with panic hardware in building 157A.
157	9-May	KAF-FP-120426-085	Fire extinguishers in building 157A are not correctly mounted or inspected.
157	9-May	KAF-FP-120426-086	Building 157A does not have adequate fire suppression systems for kitchen cooking equipment.
157	9-May	KAF-FP-120426-087	The smoke detector is not properly located in the kitchen office area of building 157A.
157	9-May	KAF-FP-120426-088	Automatic smoke and heat detection is not provided in some areas of building 157A.
157	9-May	KAF-FP-120426-089	An open fuel tanks is located adjacent to an in use barbecue outside of building 157A.
164	10-May	KAF-FP-120426-090	There is no illuminated exit signage provided at the corridor intersections of building 164.
164	10-May	KAF-FP-120426-091	Smoke detectors are missing and not interconnected in building 164.
164	10-May	KAF-FP-120426-092A	Buildings 164A and 164B have non-compliant stair dimensions.
164	10-May	KAF-FP-120426-093	The showers in Building 164A do not have automatic smoke or heat detection.
164	10-May	KAF-FP-120426-094	The fire extinguisher in building 164B does not have an inspection tag.
156	10-May	KAF-FP-120426-095	The exit stairs leading from the second floor of building 212 are in disrepair.
156	10-May	KAF-FP-120426-096	The smoke detector shown in building 212 is too far down from the ceiling.
156	10-May	KAF-FP-120426-097	There is no emergency lighting in the Building 156.
156	10-May	KAF-FP-120426-098	Exit discharge stair handrails and guards are noncompliant in Building 156.
156	10-May	KAF-FP-120426-099	Building 156 entry door raised thresholds exceed requirements.
156	10-May	KAF-FP-120426-100	Door clear (leaf) width is insufficient in the building 156.
156	10-May	KAF-FP-120426-101	The ceiling height in many units in the building 156 is too low.
156	10-May	KAF-FP-120426-102	Building 165 does not provide the required fire sprinkler system.
156	10-May	KAF-FP-120426-103	Fire extinguisher outside building 156 are not inspected or properly mounted.
156	10-May	KAF-FP-120426-104	Building 156 smoke detection devices in many of the units (battery type) do not have any UL label/stamp and are not correctly mounted or missing .

## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
156	10-May	KAF-FP-120426-105	A fire alarm system with occupant notification is not installed in building 156.
156	10-May	KAF-FP-120426-106	Building 156 is constructed with combustible insulating material.
156	10-May	KAF-FP-120426-107	The building 156 exterior discharge stair landing does not meet requirements
Yankee Ramp	11-May	KAF-FP-120426-108	The Yankee Ramp fire pumps are out of service.
Yankee Ramp	11-May	KAF-FP-120426-109	The separation distance between each hangar at yankee ramp is insufficient.
Yankee Ramp	11-May	KAF-FP-120426-110	The pressure maintenance pump was disassembled for the hangars at Yankee Ramp.
Yankee Ramp	11-May	KAF-FP-120426-111	Hangars at Yankee Ramp have unprotected fire hydrants and post indicator valves.
Yankee Ramp	11-May	KAF-FP-120426-112	Piping and fitting material used on the hangars at yankee ramp are non-listed material.
Yankee Ramp	11-May	KAF-FP-120426-113	Yankee Ramp foam concentrate tanks have leaking fittings.
Yankee Ramp	11-May	KAF-FP-120426-114	Hangar #3 at Yankee Ramp has a mezzanine with no sprinkler protection.
Yankee Ramp	11-May	KAF-FP-120426-115	Dielectric unions and welds were not installed on dissimilar material within the hangars at yankee ramp.
Yankee Ramp	11-May	KAF-FP-120426-116A	There is no reserve supply of fire suppression foam concentrate for the hangars at Yankee Ramp.
164	11-May	KAF-FP-120426-117	Building 164 has exposed plywood walls on interior exit corridors.
Yankee Ramp	11-May	KAF-FP-120426-119	The foam concentrate control valve handle was obstruction in hangar #1 of Yankee Ramp.
156	11-May	KAF-FP-120426-120	Building 156 has exposed plywood walls on interior exit corridors.
156	11-May	KAF-FP-120426-121	General Fire Protection and Life Safety issues of building 156 present a high risk to personnel.
543	11-May	KAF-FP-120426-122	Building 543B has poor quality hardware & installation of fire door assemblies in the latrines, corridors, and exits.
543B	11-May	KAF-FP-120426-123	Building 543B is not provided with the required automatic fire sprinkler system.
543B	11-May	KAF-FP-120426-124	There are unoccupied rooms opening into the stair enclosure within building 543B.
543B	11-May	KAF-FP-120426-125	Building 543B plumbing, conduit, and duct work penetrating walls were not provided with the proper opening protection.

## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
543B	11-May	KAF-FP-120426-126	There are door closers missing from the fire doors leading into the exit stairs in building 543B.
543B	11-May	KAF-FP-120426-127	Camel hair joint compound was used in the threaded pipe joints for building 543B.
543B	11-May	KAF-FP-120426-128	Fire Department Connection (FDC) is obstructed in building 543B.
543B	11-May	KAF-FP-120426-129	Building 543B has latrines without fire sprinklers.
543B	11-May	KAF-FP-120426-130	Class II Type Fire hoses have been provided in building 543B which are non-operational.
Z-Hut	11-May	KAF-FP-120426-131A	There are no lighting fixtures for the discharge areas outside the exit doors in the Z Huts.
Z-Hut	11-May	KAF-FP-120426-132A	Exit discharge stair handrails and guards are noncompliant in the Z Hut Dormitory Building.
Z-Hut	11-May	KAF-FP-120426-133A	The Z Huts have exit discharge paths over a combustible plywood roof.
Z-Hut	11-May	KAF-FP-120426-134A	Exterior discharge stair landing in the Z Huts are non compliant.
Z-Hut	11-May	KAF-FP-120426-135A	The Z Hut building has raised threshold at exit doors.
Z-Hut	11-May	KAF-FP-120426-136A	The Z Hut building does not provide the required fire sprinkler system.
Z-Hut	11-May	KAF-FP-120426-137A	Fire extinguisher inspection is unknown in the Z Hut.
Z-Hut	11-May	KAF-FP-120426-138A	A fire alarm system with occupant notification is not provided in the Z Hut.
Z-Hut	11-May	KAF-FP-120426-139A	Smoke detectors are not interconnected in the Z Hut.
Z-Hut	11-May	KAF-FP-120426-140A	A missing smoke detector was noted in the Z Hut.
Camp Brown Laundry	11-May	KAF-FP-120426-141A	Means of egress is not level in the Camp Brown Laundry.
Camp Brown Laundry	11-May	KAF-FP-120426-142A	The Camp Brown Laundry stairs do not have handrails and have improper dimensions.
Camp Brown Laundry	11-May	KAF-FP-120426-143A	Front exit door obstructed in the Camp Brown Laundry.
Camp Brown Laundry	11-May	KAF-FP-120426-144A	Raised threshold at the building front and rear exit doors in the Camp Brown Laundry.
Camp Brown Laundry	11-May	KAF-FP-120426-145A	Fire extinguisher inspection are unknown in the Camp Brown Laundry.



## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
Camp Brown Laundry	11-May	KAF-FP-120426-146A	Smoke detection devices in the Camp Brown Laundry are not UL listed.
Camp Brown Laundry	11-May	KAF-FP-120426-147A	Smoke detectors are not interconnected in the Camp Brown Laundry.
149	12-May	KAF-FP-120426-148	There is no illuminated exit sign or emergency lighting in building 149.
149	12-May	KAF-FP-120426-149	Building 149 has egress non compliances including exit discharge obstacles and an exit doors that swing the wrong way.
149	12-May	KAF-FP-120426-150	Fire extinguishers in building 149 are missing inspection tags and are unmounted.
149	12-May	KAF-FP-120426-151	Automatic detection is not provided in building 149.
T-3	12-May	KAF-FP-120426-152	Building T-3 does not have the required illuminated exit sign.
T-3	12-May	KAF-FP-120426-153	Building T-3 has exit discharge stair landings and handrails that are missing.
T-3	12-May	KAF-FP-120426-154	Building T3 has raised threshold at exit doors.
T-3	12-May	KAF-FP-120426-155	Building T-3 has fire extinguishers that have an unknown inspection status.
T-3	12-May	KAF-FP-120426-156	Building T-3 contain smoke detectors that are not interconnected and are not located in the proper mounting position.
156B, 156C	12-May	KAF-FP-120426-157	The lighting fixtures for the discharge area outside the exit doors are not on emergency power in buildings 156B and 156C.
156B, 156C	12-May	KAF-FP-120426-158	Buildings 156B and 156C have stairways, thresholds, handrails, and landings that are non compliant with NFPA 101.
156B, 156C	12-May	KAF-FP-120426-159	Buildings 156B and 156C do not have the required fire sprinkler systems.
156B, 156C	12-May	KAF-FP-120426-160	Buildings 156B and 156C have fire extinguishers that are missing a inspection tags and are not UL listed.
156B, 156C	12-May	KAF-FP-120426-161	The fire alarm systems in buildings 156B and 156C have non-conformities including being out of service, missing glass rods, and insufficient strobes spacing.
156B, 156C	12-May	KAF-FP-120426-162	Buildings 156B and 156C are missing smoke detectors in some areas and have non-compliant smoke detectors in others.
156B, 156C	12-May	KAF-FP-120426-163	The fire alarm electrical circuit breakers are not identified or secured to the on position in buildings 156B and 156C.
8780A	12-May	KAF-FP-120426-164	Building 8780A has non-separated storage areas.
8780A	12-May	KAF-FP-120426-165	Building 8780A had wood stud partitions.
8780A	12-May	KAF-FP-120426-166	Means of egress is not level for building 8780A.

## Kandahar Finding Log Continued

*Fire Protection 21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
8780A	12-May	KAF-FP-120426-167	Building 8780A has no exit discharge stair handrails.
8780A	12-May	KAF-FP-120426-168	Camel hair pipe sealant was used within building 8780A.
8780A	12-May	KAF-FP-120426-169	Piping and fitting material used in building 8780A are non-listed material.
8780A	12-May	KAF-FP-120426-170	The fire alarm visual notification device (strobes) spacing is insufficient in building 8780A.
8780A	12-May	KAF-FP-120426-171	Building 8780A does not have the required Local Operating Console.
8780A	12-May	KAF-FP-120426-172	Building 8780A has a fire alarm system that is currently out of service.
8889Q	12-May	KAF-FP-120426-173	Building 8889Q has higher hazard areas and storage areas that are not separated by a fire-rated wall or door.
8889Q	12-May	KAF-FP-120426-174	Building 8889Q does not have emergency lighting fixtures for the discharge area outside the exit doors.
8889Q	12-May	KAF-FP-120426-175	Building 8889Q lacks the required illuminated directional signage and emergency exit signage.
8889Q	12-May	KAF-FP-120426-176	Building 8889Q has exit stairs with several non-compliances.
8889Q	12-May	KAF-FP-120426-177	Building 8889Q has a sleeping room in which the exit pathway is through a storage room.
8889Q	12-May	KAF-FP-120426-178	Building 8889Q has raised thresholds at the ancillary training annex.
8889Q	12-May	KAF-FP-120426-179	Building 8889Q has fire extinguishers in which the status of inspection is unknown.
8889Q	12-May	KAF-FP-120426-180	Building 8889Q does not have interconnected smoke detectors or adequate smoke detector coverage.
8889Q	12-May	KAF-FP-120426-181	Building 8889Q has exposed plywood walls on the interior of the exit corridors.
8881A	12-May	KAF-FP-120426-182	Building 8881A lacks the required illuminated directional exit signage.
8881A	12-May	KAF-FP-120426-183	Building 8881A has a ceiling height on the front porch exit stairs that is too low.
8881A	12-May	KAF-FP-120426-184	Building 8881A has non-compliant stair dimensions.
8881A	12-May	KAF-FP-120426-185	Building 8881A has fire extinguishers that had out of date inspections.
8881A	12-May	KAF-FP-120426-186	Building 8881A has smoke detectors that have insufficient spacing, are not interconnected, or are missing.
8881A	12-May	KAF-FP-120426-187	Building 8881A has exposed plywood walls on interior exit corridors.
8882	12-May	KAF-FP-120426-188	Building 8882 has non-separated storage areas.
8882	12-May	KAF-FP-120426-189	Building 8882 lacks illuminated directional signage and exit signage.
8882	12-May	KAF-FP-120426-190	Building 8882 has exit discharge stairs that exceed riser variation limitations and that do not have two handrails.

## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
8882	12-May	KAF-FP-120426-191	Building 8882 has raised thresholds at the exit doors.
8882	12-May	KAF-FP-120426-192	Building 8882 has an office with an exit access way through a storage room.
8882	12-May	KAF-FP-120426-193	Building 8882 has fire extinguishers that have out of date inspections.
8882	12-May	KAF-FP-120426-194	Building 8882 has inadequate smoke detector coverage and the smoke detectors are not interconnected.
8882	12-May	KAF-FP-120426-195	Building 8882 has exposed plywood walls on interior of exit corridors.
309	13-May	KAF-FP-120426-196	There are power cords obstructing the means of egress in building 309.
309	13-May	KAF-FP-120426-197	Exit signs are not illuminated within building 309.
309	13-May	KAF-FP-120426-198	No emergency backup is provided on the exit discharge lighting on the exterior of building 309.
309	13-May	KAF-FP-120426-199	Smoke detectors are connected to ropes at the top of the metal framing within building 309.
309B	13-May	KAF-FP-120426-200	Fire extinguisher has not been serviced regularly at building 309B.
309B	13-May	KAF-FP-120426-201	No smoke or heat detection is present in the latrine and shower of building 309B.
162L, 166	13-May	KAF-FP-120426-202	Buildings 162L and 166 do not have illuminated exit signage.
162L	13-May	KAF-FP-120426-203	Building 162L does not provide adequate emergency lighting.
166	13-May	KAF-FP-120426-204	Building 166 has an obstructed exit door.
162L, 166	13-May	KAF-FP-120426-205	Buildings 162L and 166 do not have a level means of egress.
162L, 166	13-May	KAF-FP-120426-206	Building 162L and 166 have unknown inspection status fire extinguishers, which are also mounted improperly.
166	13-May	KAF-FP-120426-207	Building 166 has a smoke detector that is located on a sidewall too low from the ceiling.
162L, 166	13-May	KAF-FP-120426-208	Buildings 162L and 166 has smoke detectors that are not interconnected and some that are missing.
162L	13-May	KAF-FP-120426-209	Buildings 162L and 166 do not have fire alarm systems with occupant notification.
162L	13-May	KAF-FP-120426-210	Building 162L has exposed plywood walls on interior exit corridors.
209	13-May	KAF-FP-120426-211	Exit discharge stair guards are noncompliant in building 209.
209	13-May	KAF-FP-120426-212	Fire extinguisher inspection unknown within building 209.
Yankee Hanger #1	13-May	KAF-FP-120426-213	A Yankee hangar has an emergency exit sign that is burnt out.
Yankee Hangers	13-May	KAF-FP-120426-214	Multiple fire alarm panels in varying conditions with multiple alarms conditions in the hangars at yankee ramp were found.

## Kandahar Finding Log Continued

*Fire Protection 21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
Yankee Hangers	13-May	KAF-FP-120426-215	Fire alarm electrical circuit breakers are not being properly identified or secured within the hangars at yankee ramp.
168	13-May	KAF-FP-120426-216	There are no illuminated exit signs within building 168.
168	13-May	KAF-FP-120426-217	Exit discharge stair handrails and guards are noncompliant at building 168.
168	13-May	KAF-FP-120426-218	Fire extinguishers building 168 are missing inspection tags and are not properly mounted.
168	13-May	KAF-FP-120426-219	Building 168 has smoke detectors that are not interconnected and some that are missing.
168	13-May	KAF-FP-120426-220	Exposed plywood walls on interior exit corridors of building 168.
SP Dining Tent	14-May	KAF-FP-120426-221	The dining tent at South Park does not have an illuminated exit sign.
SP Dining Tent	14-May	KAF-FP-120426-222	The dining tent at South Park has raised threshold at exit doors.
SP Dining Tent	14-May	KAF-FP-120426-223	The dining tent at South Park have aisle width dimensions that are too small.
SP Dining Tent	14-May	KAF-FP-120426-224	The dining tent at South Park has non-UL listed smoke detectors which do not meet spacing requirements.
SWA Huts	14-May	KAF-FP-120426-225	The SWA Huts have hazard areas that are not separated by fire-rated construction or fire-rated doors.
SWA Huts	14-May	KAF-FP-120426-226	The SWA Huts have doors in which the gaskets are detaching.
SWA Huts	14-May	KAF-FP-120426-227	The SWA Huts have lighting fixtures for the discharge area outside the exit doors that are not on emergency power.
SWA Huts	14-May	KAF-FP-120426-228	The SWA Huts have exit stair doors that are not properly labeled.
SWA Huts	14-May	KAF-FP-120426-229	The SWA Huts have cable penetrations in corridor walls that are not protected.
SWA Huts	14-May	KAF-FP-120426-230	The SWA Huts had an office door that was missing the handle hardware.
SWA Huts	14-May	KAF-FP-120426-231	The SWA Huts have assembly seating stairs that do not have handrails.
SWA Huts	14-May	KAF-FP-120426-232	The SWA Huts do not have the required fire sprinkler system.
SWA Huts	14-May	KAF-FP-120426-233	The SWA Huts have fire extinguishers that have an unknown inspection status.
SWA Huts	14-May	KAF-FP-120426-234	The SWA Huts do not have a fire alarm evacuation system.
Senior Housing	15-May	KAF-FP-120426-235	The Senior Leader Housing does not have lighting fixtures for the discharge area outside the exit doors on emergency power.
Senior Housing	15-May	KAF-FP-120426-236	The Senior Leader Housing has fire extinguishers with an unknown inspection status.



## Kandahar Finding Log Continued

Fire Protection 21 May, 2012

Building	Date	Finding Number or Control Number	Abstract
Senior Housing	15-May	KAF-FP-120426-237	The latrines of the Senior Leader Housing do not have automatic smoke or heat detection.
759	15-May	KAF-FP-120426-238	The doors in the corridors of buildings 759-C, 759-D, 759-E, and 759-F did not have self closing devices installed on them.
759-E	15-May	KAF-FP-120426-239	Firestopping into main corridor of building 759-E was loose and not sufficient to control smoke or hot gases.
759	15-May	KAF-FP-120426-240	Buildings 759-C, 759-D, 759-E and 759-F do not have fire-rated doors separating the sleeping units from the main corridor.
759	15-May	KAF-FP-120426-241	Buildings 759C, 759D, 759E, and 759F did not have self illuminated exit signs.
759	15-May	KAF-FP-120426-242	The exit doors in buildings 759-C, 759-D, 759-E, and 759-F require two actions to open the door.
759-D	15-May	KAF-FP-120426-243	In building 759-D the exit door handle did not have a set screw installed.
759	15-May	KAF-FP-120426-244	Buildings 759-C, 759-D, 759-E and 759-F were not provided with automatic fire sprinkler systems.
759-D, 759-E	15-May	KAF-FP-120426-245	Buildings 759-D and 759-E have fire alarm systems that are non-functional.
162D	15-May	KAF-FP-120426-246	There is no illuminated exit sign in building 162D.
162D	15-May	KAF-FP-120426-247	Second means of egress door hardware is non compliant in building 162D.
162D	15-May	KAF-FP-120426-248	A fire extinguisher with out of date inspection was found in building 162D.
162D	15-May	KAF-FP-120426-249	Building 162D has only one smoke detector which is improperly mounted.
162D	15-May	KAF-FP-120426-250	A fire alarm system with occupant notification is not provided in building 162D.
8766F, 8766G	15-May	KAF-FP-120426-251	The smoke detectors in buildings 8766F and 8766G are placed too far down from the peak of the ceiling and there are missing smoke detectors in building 8766F.
8766F, 8766G	15-May	KAF-FP-120426-252	Buildings 8766F and 8766G each have an emergency exit light is burned out and have exit signs that are not illuminated.
8766A, B, E	15-May	KAF-FP-120426-253	Buildings 8766 A, B, and E, did not have exit discharge lighting connected to emergency power.
8766A, B, E	15-May	KAF-FP-120426-254	The the exit stairs of buildings 8766A, B and E, have stair guardrails and handrails that do not comply with NFPA 101.
5781, 5816	15-May	KAF-FP-120426-255	The fire alarm systems in buildings 5781 and 5816 have non-conformities including being out of service, missing glass rods, and insufficient strobe and smoke detector spacing.

## Kandahar Finding Log Continued

*Fire Protection 21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
721, 722, 723, 724, 725	15-May	KAF-FP-120426-256	A padlock is able to be applied to the exit doors of tents 721, 722, 723, 724 and 725.
721, 722, 723	15-May	KAF-FP-120426-257	Housing tents 721, 722, and 723 have smoke detectors that are not interconnected and are spaced too far from wall and from each other.
724, 725	15-May	KAF-FP-120426-258	A hard-wired fire alarm system was installed in tents 724 and 725 but they are not functional.
721	15-May	KAF-FP-120426-259	Tent 721 has a 50 gallon fuel tank that is within two feet.
516B	16-May	KAF-FP-120426-260	Building 516B, the customs office building, has several emergency exit and egress lighting issues.
516B	16-May	KAF-FP-120426-261	Building 516B has stairways, thresholds, and handrails that are not compliant with NFPA 101.
516B	16-May	KAF-FP-120426-262	Fire extinguishers in building 516B are not properly mounted, inspected, or maintained.
516B	16-May	KAF-FP-120426-263	Building 516B has smoke detectors that are not interconnected, not spaced correctly, and non-UL listed.
516B	16-May	KAF-FP-120426-264	Building 516B has exposed plywood walls on interior corridor and exit stair walls.
509I, 509J	16-May	KAF-FP-120426-265	Buildings 509I and 509J have rooms containing hazards that are not separated from the rest of the building.
509I, 509J	16-May	KAF-FP-120426-266	Buildings 509I and 509J each have lighting fixtures for the discharge area outside the exit doors that are not on emergency power.
509I, 509J	16-May	KAF-FP-120426-267	Buildings 509I and 509J have exit discharge stair guards that are noncompliant.
509I, 509J	16-May	KAF-FP-120426-268	Buildings 509I and 509J have raised thresholds at the interior office doors and raised thresholds for the exit doors.
509I, 509J	16-May	KAF-FP-120426-269	Fire extinguishers in buildings 509I and 509J do not have inspection tags.
509I, 509J	16-May	KAF-FP-120426-270	Buildings 509I and 509J have smoke detector devices that are consistent with non-UL listed devices, and a smoke detector that is missing.
516B	16-May	KAF-FP-120426-271	Buildings 516B has rooms containing hazards not separated from the rest of the building.
041G	16-May	KAF-FP-120426-272	Building 041G has an emergency exit light that is burnt out.
041G, 041H, 041I	16-May	KAF-FP-120426-273	Buildings 041G, 041H, and 041I have landings outside of the ground floor exits that step down as you exit the buildings.
041G, 041H, 041I	16-May	KAF-FP-120426-274	Buildings 041G, 041H and 041I have stair guardrails and handrails that do not comply with NFPA 101.

## Kandahar Finding Log Continued

*Fire Protection      21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
041G, 041H, 041I	16-May	KAF-FP-120426-275	Buildings 041G, 041H, and 041I have fire extinguishers that have an unknown inspection status.
041G, 041H, 041I	16-May	KAF-FP-120426-276	Buildings 041G, 041H, and 041I have manual pull stations for the fire alarm system 5'-01" from the floor.
041G, 041H, 041I	16-May	KAF-FP-120426-277	Buildings 041G, 041H, and 041I have smoke detectors 40 feet apart in corridors.
041G, 041H, 041I	16-May	KAF-FP-120426-278	Buildings 041G, 041H, and 041I have smoke detectors that are not correctly located or are missing.
301-J	16-May	KAF-FP-120426-279	Building 301-J had a walk-in refrigerator that could only be opened if there was power to the building.
301-J	16-May	KAF-FP-120426-280	Building 301-J has a common path of travel distance that exceeds 50 feet.
301-J	16-May	KAF-FP-120426-281	There are smoke detectors that are installed too far from the ceiling in building 301-J.
306	16-May	KAF-FP-120426-282	Building 306 has an exit door that does not meet the NFPA requirements.
041A-E	16-May	KAF-FP-120426-283	Buildings 041A, 041B, 041C, 041D, and 041E, have stair guardrails and handrails that do not comply with NFPA 101.
041A-E	16-May	KAF-FP-120426-284	Fire extinguishers in buildings 041A through 041E are not properly inspected or maintained.
041A-E	16-May	KAF-FP-120426-285	The fire alarm systems in buildings 041A-E are currently out of service.
041A-E	16-May	KAF-FP-120426-286	Buildings 041A through E have manual pull stations for the fire alarm system too far from the floor.
041A-E	16-May	KAF-FP-120426-287	The perimeter of buildings 041A through E has overgrown vegetation.
041F	16-May	KAF-FP-120426-288	Building 041F has storage in the corridor where the means of egress go down to 28 inches in width.
041F	16-May	KAF-FP-120426-289	Building 041F has a rear exit that is through a hazardous storage room.
041F	16-May	KAF-FP-120426-290	There are keyed locks on the egress side of doors in the Losano Medical Clinic, building 041F.
KMC	17-May	KAF-FP-120426-291	The Kandahar Medical Clinic has an adjacent warehouse that is of a higher hazard and is not separated by 1-hour fire resistance rated construction.
KMC	17-May	KAF-FP-120426-292	In the Kandahar Medical Clinic, the rear exit may not always be available to occupants.
KMC	17-May	KAF-FP-120426-293	The Kandahar Medical Clinic has a noncompliant exit landing at the rear of the building.
KMC	17-May	KAF-FP-120426-294	The Kandahar Medical Clinic has battery operated smoke detectors that are not interconnected.

## Kandahar Finding Log Continued

*Fire Protection 21 May, 2012*

Building	Date	Finding Number or Control Number	Abstract
KMC	17-May	KAF-FP-120426-295	The Kandahar Medical Clinic has plywood construction that is used in the exit access corridors.
KMC	17-May	KAF-FP-120426-296	Vegetation has grown up to the structure of the Kandahar Medical Clinic.
RLB 7	17-May	KAF-FP-120426-297	The RLB 7 project had wall penetrations without fire barriers from living unit to living unit.
RLB 7	17-May	KAF-FP-120426-298	The exit access corridors have unprotected windows and door openings in the RLB 7 buildings.
RLB 7	17-May	KAF-FP-120426-299	The RLB 7 living unit doors have key locks on the egress side of the doors.
RLB 7	17-May	KAF-FP-120426-300	There is no automatic sprinkler system installed in the RLB 7 buildings.
5781, 5816	17-May	KAF-FP-120426-301	Buildings 5781 and 5816 have wood stud partitions.
5781, 5816	17-May	KAF-FP-120426-302	The lighting fixtures for the discharge area outside the exit doors are not on emergency power in buildings 5781 and 5816.
5781, 5816	17-May	KAF-FP-120426-303	Buildings 5781 and 5816 have entry door thresholds that are too high.
5781, 5816	17-May	KAF-FP-120426-304	Buildings 5781 and 5816 do not provide the required fire sprinkler system.
5781, 5816	17-May	KAF-FP-120426-305	The fire alarm electrical circuit breakers are not identified or secured in the "on" position in buildings 5781 and 5816.
5816	17-May	KAF-FP-120426-306	The perimeter for building 5816 is overgrown with vegetation.
Stryker	17-May	KAF-FP-120426-307	The Engineering and Stryker HQ buildings have interior doors that require the use of a key from the egress side of the door.
Stryker	17-May	KAF-FP-120426-308	The fire sprinkler seismic bracing is not compliant in the Engineering and Stryker HQ buildings.
Stryker	17-May	KAF-FP-120426-309	The valve pits for the underground fire water supply at the Engineering and Stryker HQ buildings did not have a means of protecting against the accumulation of water.
Stryker	17-May	KAF-FP-120426-310	The ducts for the HVAC system for the Engineering and Stryker HQ buildings do not contain duct detectors for automatic shutdown.
Stryker	17-May	KAF-FP-120426-311	The fire alarm system in the Engineering and Stryker HQ buildings did not have a backup battery.
	17-May	KAF-FP-120426-312	There is a general lack of testing and maintenance for fire protection and life safety systems on Kandahar Airfield.
	17-May	KAF-FP-120426-313	The Base Camp Master Plan for Kandahar Airfield (KAF) lacks an effective fire protection plan.
543A	17-May	KAF-FP-120426-314	The out of service fire alarm system in building 543A poses significant risk to building occupants.



## Appendix B Continued

### Notice of Concerns and Responses - KAF

#### *CENTCOM Response to KAF NOCs (Jul 26, 2012)*



REPLY TO  
ATTENTION OF

HEADQUARTERS  
UNITED STATES FORCES - AFGHANISTAN  
KABUL, AFGHANISTAN  
APO AE 09356

USFOR-A- JENG

26 July 2012

MEMORANDUM FOR Department of Defense Inspector General

SUBJECT: Responses to Notice of Concern (Project No. D2012-DTOTAD-0001/2)

1. In response to DODIG Notice of Concern (NOC) - Compliance with Electrical Standards at Select Facilities in Afghanistan (Project No. D2012-DTOTAD-0001) and Notice of Concern - Compliance with Fire Protection Standards at Select Facilities in Afghanistan (Project No. D2012-DTOTAD-0002), we have attached the corrective actions as provided by the 665 RSG at KAF.

2. In general, we agree with all of the findings but request that some be re-evaluated IAW applicable code as noted in the attached status updates. Some of the electrical findings are governed by Technical Directive Bulletins (TDB) issued by TF POWER as Authority Having Jurisdiction allowing the practices. Those findings are noted in Attachment 1 with explanation.

3. The remainder of the findings is being addressed either by Dyncorp Int, TF POWER, the RSG, 451 ECES, USACE, or the facility occupants. 40 of 109 (37%) electrical and 55 of 303 (18%) fire deficiencies have already been corrected.

4. Point of contact for this action is [REDACTED]

  
GREGORY L. McCLURE  
Col, USAF  
Director, TF POWER

Attachments:

1. Electrical Finding Status
2. Fire Finding Status

# ELECTRICAL

# of Findings: 109      # Completed: 40      Percent Complete: 36.7%

Kandahar Finding Log			ELECTRICAL 21 May 2012	Responsible	On Original	Repair	Comments / Notes
Bldg #	Date	Control Number	Abstract	Party	List Yes/No	Status	
241	2-May	KAF-EL-120426-001A	Building 241 has non-metallic raceway contains wire splices	DynCorp	No	Not Started	Wooden raceways are not suitable.
241	2-May	KAF-EL-120426-002A	Five cases of over accessed circuits were found in building 241	DynCorp	No	Not Started	4BK1121470117 . Existing outlets are installed to code. Customer is using extension cords and power strips improperly. Customer needs to open a Work Order to have additional outlets installed for their needs.
241	2-May	KAF-EL-120426-003A	The hot water heater in Building 241 was found with improper grounding	DynCorp	No	Complete	4BK1121470123
241	2-May	KAF-EL-120426-004A	The exterior bottom of the main distribution electrical panel was found with exposed wiring and a wooden raceway.	DynCorp	No	Not Started	DI requested variance for this installation of Steel Wire Armor Cable, which was denied. Wooden raceways are not suitable.
241	2-May	KAF-EL-120426-005A	Extension cords were found to be constructed improperly in building 241.	DynCorp	No	Not Started	4BK1121470125 Existing outlets are installed to code. Customer is using extension cords and power strips improperly. Customer needs to open a Work Order to have additional outlets installed for their needs.
243	2-May	KAF-EL-120426-006A	The exterior bottom of main distribution electrical panel was found with exposed wiring and wooden raceway.	DynCorp	No	Not Started	DI requested variance for this installation of Steel Wire Armor Cable, which was denied. Wooden raceways are not suitable.
244	2-May	KAF-EL-120426-007B	The hot water heater in Building 244 was found with improper grounding.	DynCorp	No	Complete	4BK1121470127
244	2-May	KAF-EL-120426-008A	Standard receptacles were installed on the outside of Bldg 244 where Ground-Fault Circuit-Interrupt (GFCI) protected outlet receptacles are required.	DynCorp	No	Complete	4BK1121470322
244	2-May	KAF-EL-120426-009A	An extension cord was used instead of fixed wiring in Building 244	DynCorp	No	Not Started	4BK1121470323 Existing outlets are installed to code. Customer is using extension cords and power strips improperly. Customer needs to open a Work Order to have additional outlets installed for their needs.
243	2-May	KAF-EL-120426-010C	The hot water heaters in Building 243 were found with improper grounding.	DynCorp	No	Complete	4BK1121470129
243	2-May	KAF-EL-120426-011A	A male plug was found to be constructed improperly in Building 243	Occupant	No	Customer Issue	4BK1121470328 ; Customer is using an extension cord that is in poor repair. Removal needs to be validated
241	2-May	KAF-EL-120426-012A	(this finding is an duplicate of KAF-EL-120426-001A)	DynCorp	No	Complete	4BK11214770121
5868	2-May	KAF-EL-120426-013A	The hot water heater in Building 5868 was found with improper grounding	DynCorp	No	Complete	4BK1121470131
5865	2-May	KAF-EL-120426-014A	Non-metallic raceway contains wire splices were found in building 5868.	DynCorp	No	Not Started	DI requested variance for this installation of Steel Wire Armor Cable, which was denied. Wooden raceways are not suitable.

# ELECTRICAL

# of Findings: 109

# Completed: 40

Percent Complete: 36.7%

Kandahar Finding Log			ELECTRICAL 21 May 2012	Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract				
525	4-May	KAF-EL-120426-015A	Unsecured and unprotected cables were found in building 525.	No	N/A	Not Started	
709	4-May	KAF-EL-120426-016B	duplicate of KAF-EL-120426-074	No	N/A	Not Started	
Hanger 7	4-May	KAF-EL-120426-017A	A defective Ground-Fault Circuit-Interrupt (GFCI) was found in Hanger 7		N/A	In Progress	Job Order (P838) submitted to 451st ECES for repair.
518	4-May	KAF-EL-120426-018A	The ground wire outside Building 518 is exposed and unprotected.	DynCorp	No	Complete	Job Order (P838) submitted to 451st ECES for repair.
Hanger 5	4-May	KAF-EL-120426-019A	Three male plugs were found to be constructed improperly in Hanger 5.		N/A	In Progress	Job Order (P840) submitted to 451st ECES for repair.
Hanger 7	4-May	KAF-EL-120426-020A	An extension cord was used instead of fixed wiring in Hanger 7.		N/A	In Progress	Job Order (P839) submitted to 451st ECES for repair.
518	4-May	KAF-EL-120426-021	Cables were routed through a hole in an external wall in building 518.	DynCorp	No	Complete	4BK1121480224
518	4-May	KAF-EL-120426-022	There are no means to disconnect power to the two air conditioner units in Bldg 518.	DynCorp	No	Complete	4BK1121400037
518	4-May	KAF-EL-120426-023	The wiring outside Building 518 is exposed and unprotected	DynCorp	No	Complete	4BK1121310088
518	4-May	KAF-EL-120426-024	The ground wire outside Building 518 is exposed and unprotected.	DynCorp	No	Complete	4BK1121400043
518	4-May	KAF-EL-120426-025	There are wires in the main panel in Building 518 that are improperly color coded.	DynCorp	No	Complete	4BK1121450502
518	4-May	KAF-EL-120426-026	There are two outlet receptacles in Building 518 improperly wired.	DynCorp	No	Complete	4BK1121450500
(721,722,723,724) 721	4-May	KAF-EL-120426-027	There are outlet boxes with missing side knockouts and receptacles not accessible in Buildings 721, 722, 723, and 724	BOS-I	N/A	Not Started	
309	4-May	KAF-EL-120426-028	There are inadequate number of receptacle outlet in building 309.	DynCorp	No	Not Started	Work order to be opened by customer.
(721,722,723,724) 721	6-May	KAF-EL-120426-029	Incorrect wire type and unprotected conductors were found feeding the distribution panel in Building 721,722,723, and 7	BOS-I	N/A	Not Started	

# ELECTRICAL

# of Findings: 109

# Completed: 40

Percent Complete: 36.7%

Kandahar Finding Log				Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract				
309	6-May	KAF-EL-120426-030	An incorrect wire type and unprotected conductors are feeding the distribution panel, and unprotected grounding wire were found in outside Building 309.	DynCorp	No	Complete	4BK1121250090
164	6-May	KAF-EL-120426-031	The Building 164 air conditioning unit has an improper external connector.	DynCorp	No	Complete	4BK1121250094
168	6-May	KAF-EL-120426-032A	The ground electrode outside Building 168 is exposed and unprotected	DynCorp	No	Complete	4BK1121250096
209	6-May	KAF-EL-120426-033A	Building 209 has exposed and unprotected ground electrodes outside.	DynCorp	No	Complete	4BK1121240335
209	6-May	KAF-EL-120426-034	Building 209 has an improper external connector.	DynCorp	No	Complete	KAF170059
(518D) 518	6-May	KAF-EL-120426-035	There are three instances of unprotected wiring penetrating walls in Building 518D.	DynCorp	No	Complete	4BK1121480100
(309C) 309	6-May	KAF-EL-120426-036	There is no means to disconnect power to the air conditioner unit in Bldg 309C	DynCorp	No	Complete	4BK1121490126
(309C) 309	6-May	KAF-EL-120426-037A	The water feed pump outside of Bldg 309C has no means of disconnecting power.	DynCorp	No	Complete	4BK1121490127
(No facility number posted. LCD4FKAF10233 ) 245	6-May	KAF-EL-120426-038	The male latrine outside of Building 245 has an electrical distribution panel mounted in a non dedicated space inside the latrine.	N/A	No	N/A	Panels, rated for conditions, are allowed inside of these facilities in theater With GFI/RCD. 010 06 29 LSS, Ablution units rules TFP_TDB_012_2011_05_23 LSS.
(309C) 309	7-May	KAF-EL-120426-039	There is a power distribution panel located inside the latrine Building 309C.	N/A	No	N/A	Panels, rated for conditions, are allowed inside of these facilities in theater With GFI/RCD. 010 06 29 LSS, Ablution units rules TFP_TDB_012_2011_05_23 LSS.
(12) 310	7-May	KAF-EL-120426-040	There is a distribution panel located inside the female latrine in front of Building 310.	N/A	No	N/A	Panels, rated for conditions, are allowed inside of these facilities in theater With GFI/RCD. 010 06 29 LSS, Ablution units rules TFP_TDB_012_2011_05_23 LSS.
(10) 310	7-May	KAF-EL-120426-041	There is a power distribution panel located inside the male latrine in front of Building 310.	N/A	No	N/A	Panels, rated for conditions, are allowed inside of these facilities in theater With GFI/RCD. 010 06 29 LSS, Ablution units rules TFP_TDB_012_2011_05_23 LSS.
156	7-May	KAF-EL-120426-042	Raceways routing wires outside Building 156 are not continuous.		N/A	In Progress	
157	7-May	KAF-EL-120426-043	Building 157A has an uncovered outlet switch on the outside wall.		N/A	In Progress	
157	7-May	KAF-EL-120426-044	There are no means of disconnect for a refrigerator in Building 157A.		N/A	In Progress	
157	7-May	KAF-EL-120426-045	There are no means of disconnect for an air conditioner in Building 157A.		N/A	In Progress	

# ELECTRICAL

# of Findings: 109      # Completed: 40      Percent Complete: 36.7%

Kandahar Finding Log			ELECTRICAL 21 May 2012	Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract				
156	7-May	KAF-EL-120426-046	Standard outlets were used on the exterior of Building 156.		N/A	In Progress	
156	7-May	KAF-EL-120426-047	Building 156 has numerous instances of nonmetallic (NM) type electrical wiring that is not concealed		N/A	In Progress	
156	7-May	KAF-EL-120426-048	There is not a front panel covering wires inside the service panel board as required.		N/A	In Progress	
156	7-May	KAF-EL-120426-049	Building 156 has several instances of "daisy chaining" of power strips and extension cords.		N/A	In Progress	
143	8-May	KAF-EL-120426-050	The ground wire outside Building 143 is exposed and unprotected.	DynCorp	No	Complete	4BK1121250093
143	8-May	KAF-EL-120426-051	Non Metallic type wire (Romex) is improperly installed inside Building 143.	DynCorp	No	Complete	4BK1121250093
143	8-May	KAF-EL-120426-052	There are no power disconnection means for the two air conditioner units in Bldg 143.	DynCorp	No	Complete	4BK1121450497
(157A) 157	8-May	KAF-EL-120426-053	There are no means of disconnect for a refrigerator in Building 157A.		N/A	Not Started	
(157A) 157	8-May	KAF-EL-120426-054	There are no means of disconnect for an air conditioner in Building 157A.		N/A	Not Started	
156	8-May	KAF-EL-120426-055	Raceways routing wires outside Building 156 are not continuous.		N/A	In Progress	
156	8-May	KAF-EL-120426-056A	Wires running to Building 156 are supported by a palm tree.		N/A	In Progress	
156	8-May	KAF-EL-120426-057	Cables feeding the Building 156 panel board are not enclosed or protected from physical damage.		N/A	In Progress	
(157A) 157	8-May	KAF-EL-120426-058	The compression clamp connector on a Building 157A junction box is not properly connected to the power cord.		N/A	Not Started	
157	8-May	KAF-EL-120426-059	There is an improper wire splice to an electrical discharge insert control system cord in Building 157A		N/A	In Progress	
309	12-May	KAF-EL-120426-060	The ground electrode outside Building 309 is exposed and unprotected.	DynCorp	No	Complete	4BK1121250090
724	12-May	KAF-EL-120426-061	The ground wire and electrode outside Building 724 are exposed and unprotected.	No	N/A	Not Started	
149	12-May	KAF-EL-120426-062	Flexible cords and cables are used as a substitute for fixed wiring in building 149.		N/A	In Progress	



# ELECTRICAL

# of Findings: 109

# Completed: 40

Percent Complete: 36.7%

Kandahar Finding Log			ELECTRICAL 21 May 2012	Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract				
157	12-May	KAF-EL-120426-063	There are no means to disconnect power to the two air conditioner units in Building 157.		N/A	In Progress	
Z Hut	12-May	KAF-EL-120426-064	Standard receptacles were installed on the outside of the Z Hut where Ground-Fault Circuit-Interrupt (GFCI) protected outlet receptacles are required.		N/A	In Progress	
149	12-May	KAF-EL-120426-065	Building 149 has numerous instances of nonmetallic (NM) type electrical wiring that is not approved for use in exposed applications.		N/A	In Progress	
157	12-May	KAF-EL-120426-066	There is no dead front panel covering wires inside the main panel in building 157.		N/A	In Progress	
149	12-May	KAF-EL-120426-067	Building 149 panel box M3 A3 has an unsupported electrical cable.		N/A	In Progress	
149	12-May	KAF-EL-120426-068	The circuits are not labeled in panel box M3 A3 in Building 149.		N/A	In Progress	
156	12-May	KAF-EL-120426-069A	The panel box outside Building 156 has several issues that do not meet NEC requirements.		N/A	In Progress	
Z Hut	12-May	KAF-EL-120426-070	Conductors entering a lighting fixture box were not protected from abrasion in the Z Hut.		N/A	In Progress	
8882	12-May	KAF-EL-120426-071	External lights are connected to outlet receptacles that are not-Ground-Fault Circuit-Interrupt (GFCI)protected outside building 8882.	DynCorp	Yes	Complete	4BK1121480097
8882	12-May	KAF-EL-120426-072	There are multiple instances of flexible cords routed through doorways in building 8882.	DynCorp	Yes	Complete	4BK1121300056
709	12-May	KAF-EL-120426-073	There is an improper splice made in a flexible cord hanging from roof outside Building 709.	No	N/A	Not Started	
709	12-May	KAF-EL-120426-074	There are unsupported cables run through the roof of Building 709.	No	N/A	Not Started	
709	12-May	KAF-EL-120426-075	The wiring outside of Building 709 exhibits poor workmanship.	No	N/A	Not Started	
709	12-May	KAF-EL-120426-076	There is an exposed ground wire and electrode outside of Building 709.	No	N/A	Not Started	
(516B) 516	15-May	KAF-EL-120426-077	A distribution panel did not have the proper clearances in building 516B.	DynCorp	No	Complete	Boxes Removed by Facility Owner; Required Clearance Obtained
5816	15-May	KAF-EL-120426-078	The water heater in Building 5816 was found with improper grounding.	DynCorp	No	Complete	4BK1121470116

# ELECTRICAL

# of Findings: 109      # Completed: 40      Percent Complete: 36.7%






Kandahar Finding Log				ELECTRICAL 21 May 2012	Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract					
(516B) 5816	15-May	KAF-EL-120426-079	The ground wire outside Building 516B is exposed and unprotected.		DynCorp	No	Complete	4BK1121370225
309	15-May	KAF-EL-120426-080	The wiring outside Building 309 exhibits poor workmanship.		DynCorp	No	Complete	4BK1121480101
(157A) 157	15-May	KAF-EL-120426-081	There are no means of disconnect for a electrical discharge insect control system in Building 157A.			N/A	Unknown	
(157A) 157	15-May	KAF-EL-120426-082	The Building 157A electrical junction box cover is missing.			N/A	Unknown	
157	15-May	KAF-EL-120426-083	Electrical junction box cover is missing on the exterior of building 157.			N/A	In Progress	
156	15-May	KAF-EL-120426-084	Live conductors were found placed directly on top of the roof of The Old Hotel building 156.			N/A	In Progress	
Stryker	15-May	KAF-EL-120426-085	Required bonding jumpers are missing in the Stryker and Engineering Brigade Buildings.		DynCorp	No	Complete	4BK1121480484
166	15-May	KAF-EL-120426-086	There are an inadequate number of receptacle outlets in billeting rooms inside building 166.		No	N/A	Not Started	
8882	16-May	KAF-EL-120426-087	There are three instances of unprotected wiring penetrating walls in Building 8882.		DynCorp	Yes	Complete	4BK1121480102
(8882) 162	16-May	KAF-EL-120426-088	Electrical receptacle boxes were installed in the floor that were not specifically designed for floor use.		DynCorp	Yes	Complete	4BK1121480102
(162L) 162	16-May	KAF-EL-120426-089	The wiring outside Building 162L exhibits poor workmanship.		DynCorp	No	Complete	4BK1121490221
166	16-May	KAF-EL-120426-090	Building 166, has an uncovered outlet switch on the outside wall between 166 and 162L.		No	N/A	Not Started	
242	16-May	KAF-EL-120426-091	The hot water heater in Building 242 was found with improper grounding.		DynCorp	No	Complete	4BK1121470119
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-092	The circuit breakers in the South Park Re-Locatable Building (RLB) billeting unit 134 are mounted too high.			N/A	In Progress	Complete in bldg 3 only

# ELECTRICAL

# of Findings: 109

# Completed: 40

Percent Complete: 36.7%






Kandahar Finding Log				Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract				
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-093	There is a missing conduit connector leading into the air conditioning unit. In addition, the conduit is not glued in the South Park Re-Locatable Building (RLB) billeting unit room 134.		N/A	In Progress	Bottom floor of bldg 2 and bottom floor of bldg 3 is complete
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-094	There is an unused opening in a junction box in South Park Re-Locatable Building (RLB) room 134.		N/A	Unknown	Not corrected at this time
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-095	The outlet receptacles and switch box are not grounded in South Park Re-Locatable Building (RLB) room 134.		N/A	In Progress	Complete in bldg 3 only
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-096	The light switch box in the hall way of the South Park Re-Locatable Building (RLB) is not ground and improperly color coded.		N/A	In Progress	Complete in bldg 3 only
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-097	There are several NFPA electrical nonconformance's related to the air conditioners and disconnect box located in the showers of the Re-Locatable Buildings (RLB).		N/A	In Progress	Completely removed in bldg 3 only

# ELECTRICAL

# of Findings: 109

# Completed: 40

Percent Complete: 36.7%

Kandahar Finding Log				Responsible	On Original	Repair	Comments / Notes
Bldg #	Date	Control Number	Abstract	Party	List Yes/No	Status	
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-098	Panelboards are located in the shower rooms of the Re-Locatable Building (RLB) units.		N/A	Unknown	NEMA 3 panel boards have been ordered to replace the NEMA 1's currently in place
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-099	The GFCI receptacles boxes are not grounded in the shower rooms of the Re-Locatable Building (RLB) units at South Park.		N/A	In Progress	Complete in bldg 3 only
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-100	Panelboards are located inside the latrines of the Re-Locatable Building (RLB) units at South Park.		N/A	In Progress	NEMA 3 panel boards have been ordered to replace the NEMA 1's currently in place
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-101	There are several NFPA electrical nonconformance's related to the air conditioners and disconnect box located in the latrines of the Re-Locatable Buildings (RLB) at South Park.		N/A	In Progress	Completely removed in bldg 3 only
(This is not South Park- This is phase II to the RLB city, is being constructed by Prolog, and is non-density)SP RLBs	16-May	KAF-EL-120426-102	The light switch box and GFCI receptacles boxes are not grounded in the latrines of the Re-Locatable Building (RLB) units at South Park.		N/A	In Progress	Complete in bldg 3 only

# ELECTRICAL

# of Findings: 109

# Completed: 40

Percent Complete: 36.7%

Kandahar Finding Log			ELECTRICAL 21 May 2012	Responsible Party	On Original List Yes/No	Repair Status	Comments / Notes
Bldg #	Date	Control Number	Abstract				
8766A	17-May	KAF-EL-120426-103	In building 8766A an extension cord was used to power outside equipment from an inside receptacle that is not GFCI protected.	DynCorp	No	Complete	4BK1121480076
8766F	17-May	KAF-EL-120426-104	There are an insufficient number of outlets in Building 8766F.	No	No	Not Started	
231	17-May	KAF-EL-120426-105	Two extension cords were used instead of fixed wiring in Building 231.	DynCorp	No	Not Started	Work order to be opened by customer.
228	17-May	KAF-EL-120426-106	An outlet receptacle was found installed in the floor that is not specifically designed for floor use in building 228.	DynCorp	No	Complete	4BK1121370239
Camp Losano	17-May	KAF-EL-120426-107	There are no warning signs outside the entrance to a high voltage substation and no warning signs on equipment in Camp Losano area.	N/A		Complete	4BK1121480493
231	17-May	KAF-EL-120426-108	There are an inadequate number of receptacle outlets inside building 231.	DynCorp	No	Not Started	Work order to be opened by customer.
Tent 15 (SP Dinning)	17-May	KAF-EL-120426-110	The breaker panel at the South Park dinning facility is missing cover plates for unused breaker openings.	DynCorp	Yes	Complete	4BK1121470477



# FIRE PROTECTION

# of Findings: 303

# Completed: 55

Percent Complete: 18.15%

Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
5868	2-May	KAF-FP-120426-001A	An emergency light fixture was not functional during testing	DynCorp	Yes	Complete	4BK1121490379/Complete with pictures for verification
241	2-May	KAF-FP-120426-003B	Automatic detection is not provided in the latrines of building 241.	DynCorp	No	Not Started	Will install detectors
241	2-May	KAF-FP-120426-005A	Corridor smoke detection spacing in building 241 is insufficient	DynCorp	No	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
241	2-May	KAF-FP-120426-006A	The building 241 fire alarm visual notification appliance (strobe light) spacing is insufficient in corridor.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
241	2-May	KAF-FP-120426-007A	The fire alarm system in building 241 is non-operable.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
241	2-May	KAF-FP-120426-008A	Smoke detectors in building 241 are loosely mounted to conduit.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
242	2-May	KAF-FP-120426-010A	Building 242 does not provide the required fire sprinkler system.	DynCorp	No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
242	2-May	KAF-FP-120426-011	Building 242 fire alarm visual notification device (strobes) spacing is insufficient on the corridor..	DynCorp	No	Not Started	This deficiency cannot be corrected through SOR. The building O&M was assumed with alarm system in place. Alarm system may be maintained in current arrangement under standard O&M function. Any changes will require re-design and addition of materials to comply with this requirement. DI has not received governmental direction to provide estimate of labor and materials required to bring the current system into code compliance.
242	2-May	KAF-FP-120426-012	The fire alarm system in building 242 is currently out of service.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
242	2-May	KAF-FP-120426-013	Building 242 corridor smoke detection (hard-wired and battery unit) spacing is insufficient.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
242	2-May	KAF-FP-120426-014	Automatic smoke/heat detection is not provided in the building 242 latrines.	DynCorp	No	Not Started	Will install detectors

# FIRE PROTECTION

# of Findings: 303

# Completed: 55

Percent Complete: 18.15%

Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
242	5-May	KAF-FP-120426-016	The glass rod is missing from the fire alarm pull station in building 242.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
243	5-May	KAF-FP-120426-017	The lighting fixtures for the discharge area outside the exit doors are not on emergency power in building 243.	DynCorp	No	Researching	IAW NFPA 101 29.2.9.1 Emergency lighting in accordance with Section 7.9 shall be provided in all buildings with more than 25 rooms. These facilities are not required to possess emergency lighting
243	5-May	KAF-FP-120426-018	An exit sign was hanging by the electrical wires in building 243.	DynCorp	Yes	Complete	4BK1121490379/Complete with pictures for verification
243	5-May	KAF-FP-120426-019	Building 243 does not provide the required fire sprinkler system.	DynCorp	No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
243	5-May	KAF-FP-120426-020	The Building 243 fire alarm visual notification device (strobes) spacing is insufficient on the corridor.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
243	5-May	KAF-FP-120426-021	The fire alarm system is currently out of service in building 243.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
243	5-May	KAF-FP-120426-022	Automatic detection is not provided in the latrines in building 243	DynCorp	No	Not Started	Will install detectors
243	5-May	KAF-FP-120426-024	Glass rod is missing from fire alarm pull station in building 243.	DynCorp	No	Not Started	
244	5-May	KAF-FP-120426-025	Corridor smoke detection (hardwired and battery unit) spacing is insufficient in Building 244	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
244	5-May	KAF-FP-120426-026	The fire alarm visual notification device (strobes) spacing is insufficient on the corridor of building 244.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
244	5-May	KAF-FP-120426-027	The fire alarm system is currently out of service in building 244.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
244	5-May	KAF-FP-120426-028	Automatic detection is not provided in the latrines in building 244.	DynCorp	NO	Not Started	Will install detectors
250	5-May	KAF-FP-120426-030	There are fire sprinklers which are too far from the ceiling in building 350A.	DynCorp	No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

# FIRE PROTECTION

# of Findings: 303

# Completed: 55

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Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
525	5-May	KAF-FP-120426-031	There is no illuminated exit sign in building 525	DynCorp	No	Not Started	Work Order to be submitted to correct this deficiency.
525	5-May	KAF-FP-120426-032	Means of egress is not level for building 525	DynCorp	No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
525	5-May	KAF-FP-120426-033	Fire extinguisher inspection unknown within building 525	DynCorp	No	Not Started	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the occupant's responsibility under the USFOR-A Fire Prevention SOP 2-8(p)
525	5-May	KAF-FP-120426-034A	Smoke detectors are not interconnected in building 525.	DynCorp	No	Awaiting USG Decision	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
525	5-May	KAF-FP-120426-035	Smoke detectors are missing or disabled in building 525	DynCorp		In progress	All smoke detectors were inspected and repaired under LOTD 6454 to DI. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
709	5-May	KAF-FP-120426-038	There is no illuminated exit sign in building 709	DynCorp	No	Researching	This is not required IAW NFPA 101 A.7.10.1.2.1 Where a main entrance also serves as an exit, it will usually be sufficiently obvious to occupants so that no exit sign is needed.
709	5-May	KAF-FP-120426-039	Exit discharge stairs are noncompliant for Building 709	No	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
709	5-May	KAF-FP-120426-040	Fire extinguisher inspection unknown within building 709	No	No	In progress	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p)

# FIRE PROTECTION

# of Findings: 303

# Completed: 55

Percent Complete: 18.15%

Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
709	5-May	KAF-FP-120426-041	There was no fire extinguisher provided in the north business area of building 709.	No	No	Complete	This deficiency cannot be corrected through SOR. The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Occupants were provided with the necessary extinguisher
518	8-May	KAF-FP-120426-042A	The Building 518 rear exit door has inappropriate locks for a means of egress.	No	No	Complete	The building occupants were informed of the deficiency. Occupant stated they would remove slide bolt without the need for SOR. Follow -up for this deficiency will be required to ensure continued compliance.
518	8-May	KAF-FP-120426-043	Building 518 exterior exit discharge lighting was not on emergency power.	DynCorp	No	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists: (1)The building is three or more stories in height. (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge. (3)The occupancy is subject to 1000 or more total occupants. None of these conditions apply, therefore emergency lighting is not required.\

# FIRE PROTECTION

# of Findings: 303

# Completed: 55

Percent Complete: 18.15%

Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
518	8-May	KAF-FP-120426-044	Building 518 has only one means of egress.	DynCorp	No	N/A	This is allowed under NFPA 101 39.2.4.3 A single exit shall be permitted for a room or area with a total occupant load of less than 100 persons, provided that all of the following criteria are met: (1)The exit shall discharge directly to the outside at the level of exit discharge for the building. (2)The total distance of travel from any point, including travel within the exit, shall not exceed 100 ft (30 m). (3)The total distance of travel specified in 39.2.4.3(2) shall be on the same story, or, if traversing of stairs is necessary, such stairs shall not exceed 15 ft (4570 mm) in height, and both of the following also shall apply: (a)Interior stairs shall be provided with complete enclosures to separate them from any other part of the building, with no door openings therein. (b)A single outside stair in accordance with 7 2.2 shall be permitted to serve all stories permitted within the 15 ft (4570 mm) vertical travel limitation.
518	8-May	KAF-FP-120426-045	Fire extinguisher monthly maintenance has not been regularly conducted.	DynCorp	No	In progress	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p)
518	8-May	KAF-FP-120426-046	The smoke detector spacing is non-compliant in building 518.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.



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518	8-May	KAF-FP-120426-047	The fuel container outside of the building 518 does not have label indicating fuel type and capacity.	DynCorp	No	In progress	This deficiency cannot be corrected through SOR. The building occupant was advised to have the entity owning responsibility for the tank to properly label it IAW NFPA 704. The capacity placard was located on top the tank and building occupant advised to locate this placard on the tank where it is visible for emergency responders.
518	8-May	KAF-FP-120426-048	Building 518's perimeter is overgrown with vegetation	DynCorp	No	In progress	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program.
709	8-May	KAF-FP-120426-049	Building 709 has a missing smoke detector.	BOS-I		Not Started	Outside scope of LOGCAP O&M - non-density list facility. Task order or separate contract must be executed.
709	8-May	KAF-FP-120426-050	Smoke detectors are not interconnected in building 709.	No	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
710	8-May	KAF-FP-120426-052	The separation distance between Building 710 and the building behind it is inadequate.	DynCorp	No	Not Started	A waiver will be sought from CENTCOM.
710	8-May	KAF-FP-120426-053	Building 710 contains a storage area that is not separated by a fire-rated wall.	DynCorp	No	Not Started	This deficiency cannot be corrected through SOR. The current storage room is used for MP evidence. Any changes will require re-design and addition of materials to comply with this requirement. DI has not received governmental direction to provide estimate of labor and materials required to bring the current system into code compliance.
710	8-May	KAF-FP-120426-054	There is no illuminated exit signs in building 710.	DynCorp	Yes	In progress	SOR complete; verification in progress
710	8-May	KAF-FP-120426-055	Building 710 has raised threshold at the kitchen door that exceeds requirements	DynCorp	No	In progress	Occupants were informed of the deficiency and elected to correct this deficiency without the need for an SOR. Follow-up will be required to ensure compliance of this deficiency
710	8-May	KAF-FP-120426-056	Building 710 has exit stairs that do not meet the requirements of NFPA 101.	DynCorp	No	Awaiting USG Decision	Seeking CENTCOM Waiver.

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710	8-May	KAF-FP-120426-057	Building 710 has non-compliant exit stair dimensions that lead to the sidewalk.	DynCorp	No	Complete	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to fill the gap, thereby changing the dimensions. Upon Follow up Occupants did not submit SOR; SOR initiated by FP
710	8-May	KAF-FP-120426-058	The Building 710 fire extinguishers have not been inspected or maintained.	DynCorp	No	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p) Monthly inspection stickers were attached to all extinguishers which were missing inspection labels
710	8-May	KAF-FP-120426-059	Building 710 has a missing smoke detector	DynCorp	No	Complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
710	8-May	KAF-FP-120426-060	Smoke detectors are not interconnected in building 710.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
710	8-May	KAF-FP-120426-061A	Building 710 is partially constructed with exposed plywood walls on interior of building	DynCorp	No	Not Started	Suitable for contingency construction. Seeking waiver from CENTCOM.
5868	8-May	KAF-FP-120426-062	The modular housing buildings 5868 and 5882 lighting fixtures for the discharge area outside the exit doors are not on emergency power.	DynCorp	No	N/A	IAW NFPA 101 29.2.9.1 Emergency lighting in accordance with Section 7.9 shall be provided in all buildings with more than 25 rooms. These facilities are not required to possess emergency lighting
5868	8-May	KAF-FP-120426-063	Modular housing buildings 5868 and 5882 do not provide the required fire sprinkler system.	DynCorp	No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
5868	8-May	KAF-FP-120426-064	Corridor smoke detection (hardwired and battery unit) spacing is insufficient in modular housing buildings 5868 and 5882	DynCorp	No	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
5868	8-May	KAF-FP-120426-065	The fire alarm visual notification device (strobes) spacing is insufficient on the corridor of modular housing buildings 5868 and 5882.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
5868	8-May	KAF-FP-120426-066	The fire alarm system in buildings 5868 and 5882 is non-operable	DynCorp	No	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
5868	8-May	KAF-FP-120426-067	Automatic detection is not provided in the latrines in the modular housing buildings 5868 and 5882.	DynCorp	No	Not Started	Will install detectors
5868	8-May	KAF-FP-120426-068	The fire alarm pull station in building 5868 is missing the glass rod.	DynCorp	No	Complete	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
143	9-May	KAF-FP-120426-069	The building separation distance between building 143 and the building behind it is non-compliant.	DynCorp	No	N/A	Separation distances were set at current length prior to DI assuming O&M responsibility. It is not feasible to increase the distance to adjacent building without additional funds and the loss of the adjacent structure. A waiver will be sought from CENTCOM
143	9-May	KAF-FP-120426-070	Building 143 contains a storage area that is not separated by a fire-rated wall.	DynCorp	No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
143	9-May	KAF-FP-120426-071	Illuminated exit/directional signage is insufficient in building 143	DynCorp	No	In progress	Electricians added directionality to exit signage
143	9-May	KAF-FP-120426-072	The building 143 exit sign at the main entrance does not have adequate visibility in the corridor.	DynCorp	No	In progress	4BK1121640268;
143	9-May	KAF-FP-120426-073A	The front deck of building 143 does not meet dimensional requirements.	DynCorp	No	In progress	Open SOR to evaluate safety and construction of current front deck.
143	9-May	KAF-FP-120426-074	Fire extinguishers in building 143 are not properly mounted, inspected or maintained	DynCorp	No	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguishers were properly mounted

# FIRE PROTECTION

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
143	9-May	KAF-FP-120426-075	Building 143 corridor smoke detection (battery unit) spacing is insufficient.	DynCorp	No	complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
143	9-May	KAF-FP-120426-076	Automatic detection is not provided in the latrine or storage closet within building 143	DynCorp	No	Not Started	Will install detectors
143	9-May	KAF-FP-120426-077	Smoke detectors are not interconnected in building 143.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
143	9-May	KAF-FP-120426-078	Building 143 is constructed with exposed plywood walls on interior of building.	DynCorp	No	Not Started	Suitable for contingency construction. Seeking waiver from CENTCOM.
157	9-May	KAF-FP-120426-079	There are no emergency lighting fixtures for the discharge area outside the exit doors in building 157A.		No	N/A	IAW NFPA 101 29.2.9.1 Emergency lighting in accordance with Section 7.9 shall be provided in all buildings with more than 25 rooms. These facilities are not required to possess emergency lighting
157	9-May	KAF-FP-120426-080	The building separation distance between buildings 157A and the old hotel building does not meet IBC requirements.		No	Not Started	A waiver will be sought from CENTCOM.
157	9-May	KAF-FP-120426-081	There is no illuminated exit signage in building 157A.		Yes	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
157	9-May	KAF-FP-120426-082	There is no emergency lighting in the kitchen within building 157A.		Yes	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
157	9-May	KAF-FP-120426-083	There are several egress paths in building 157A that do not meet requirements.		No	Not Started	A waiver will be sought from CENTCOM.
157	9-May	KAF-FP-120426-084	Exit doors are not equipped with panic hardware in building 157A.		No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
157	9-May	KAF-FP-120426-085	Fire extinguishers in building 157A are not correctly mounted or inspected.		No	Complete	This deficiency cannot be corrected through SOR. The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguishers were properly mounted

# FIRE PROTECTION

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Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
157	9-May	KAF-FP-120426-086	Building 157A does not have adequate fire suppression systems for kitchen cooking equipment.		No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
157	9-May	KAF-FP-120426-087	The smoke detector is not properly located in the kitchen office area of building 157A.		No	Complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
157	9-May	KAF-FP-120426-088	Automatic smoke and heat detection is not provided in some areas of building 157A.		No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed. Not on density list for LOGCAP.
157	9-May	KAF-FP-120426-089	An open fuel tanks is located adjacent to an in use barbecue outside of building 157A.		No	Complete	Fuel tank was removed by occupants
164	10-May	KAF-FP-120426-090	There is no illuminated exit signage provided at the corridor intersections of building 164.	DynCorp	No	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
164	10-May	KAF-FP-120426-091	Smoke detectors are missing and not interconnected in building 164.	DynCorp	No	Complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
164	10-May	KAF-FP-120426-092	Buildings 164A and 164B have non-compliant stair dimensions.	DynCorp	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
164	10-May	KAF-FP-120426-093	The showers in Building 164A do not have automatic smoke or heat detection.	DynCorp	No	Not Started	Will install detectors
164	10-May	KAF-FP-120426-094	The fire extinguisher in building 164B does not have an inspection tag.	DynCorp	No	In progress	This deficiency cannot be corrected through SOR. The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added



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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
156	10-May	KAF-FP-120426-095	The exit stairs leading from the second floor of building 212 are in disrepair.		No	Awaiting USG Decision	This deficiency cannot be corrected through SOR. As this facility is an O&M non density facility, the occupant was informed of the need for repair of the stairs. The occupant will be responsible for ordering and placement. Follow-up will be required to ensure code compliance in a timely manner Sent to Gov on 17 June 12
156	10-May	KAF-FP-120426-096	The smoke detector shown in building 212 is too far down from the ceiling.		No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	10-May	KAF-FP-120426-097	There is no emergency lighting in the Building 156.		Yes	In progress	SOR complete; verification in progress
156	10-May	KAF-FP-120426-098	Exit discharge stair handrails and guards are noncompliant in Building 156.		No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	10-May	KAF-FP-120426-099	Building 156 entry door raised thresholds exceed requirements.		No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	10-May	KAF-FP-120426-100	Door clear (leaf) width is insufficient in the building 156.		No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	10-May	KAF-FP-120426-101	The ceiling height in many units in the building 156 is too low.		No	Not Started	A waiver will be sought from CENTCOM.
156	10-May	KAF-FP-120426-102	Building 165 does not provide the required fire sprinkler system.		No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	10-May	KAF-FP-120426-103	Fire extinguisher outside building 156 are not inspected or properly mounted.		No	Complete	This deficiency cannot be corrected through SOR. The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguishers were properly mounted
156	10-May	KAF-FP-120426-104	Building 156 smoke detection devices in many of the units (battery type) do not have any UL label/stamp and are not correctly mounted or missing .		No	complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
156	10-May	KAF-FP-120426-105	A fire alarm system with occupant notification is not installed in building 156.		No	Awaiting USG Decision	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	10-May	KAF-FP-120426-106	Building 156 is constructed with combustible insulating material.		No	Awaiting USG Decision	Upon re-inspection, inspector was unable to locate the combustible insulating material
156	10-May	KAF-FP-120426-107	The building 156 exterior discharge stair landing does not meet requirements		No	Not Started	A waiver will be sought from CENTCOM.
Yankee Ramp	11-May	KAF-FP-120426-108	The Yankee Ramp fire pumps are out of service.		No	In progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.
Yankee Ramp	11-May	KAF-FP-120426-109	The separation distance between each hangar at Yankee ramp is insufficient.		No	Awaiting USG Decision	The south 8 hangars are MILCON projects that were built 14-18 months ago. All other hangars are MILCON projects that have been built within the last 12 months. The 451st ECES is contacting AFCENT A7 to see if there was a waiver signed to allow the 10' distance between the hangars. Once feedback is received, 451st will notify 655th RSG. If no waiver exists, one will be sought from CENTCOM.
Yankee Ramp	11-May	KAF-FP-120426-110	The pressure maintenance pump was disassembled for the hangars at Yankee Ramp.		No	In progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.

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Yankee Ramp	11-May	KAF-FP-120426-111	Hangars at Yankee Ramp have unprotected fire hydrants and post indicator valves.	[REDACTED]	No	Not Started	AF 332 (KAF-574) submitted to 451st to install bollards around hydrants and valves. Due to amount of hydrants, this will be accomplished via contract
Yankee Ramp	11-May	KAF-FP-120426-112	Piping and fitting material used on the hangars at Yankee ramp are non-listed material.	[REDACTED]	No	In progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.
Yankee Ramp	11-May	KAF-FP-120426-113	Yankee Ramp foam concentrate tanks have leaking fittings.	[REDACTED]	No	In progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.
Yankee Ramp	11-May	KAF-FP-120426-114	Hangar #3 at Yankee Ramp has a mezzanine with no sprinkler protection.	[REDACTED]	No	Not Started	AF 332 (KAF-576) submitted to 451st to install Dielectric unions and welds. This will be accomplished via contract
Yankee Ramp	11-May	KAF-FP-120426-115	Dielectric unions and welds were not installed on dissimilar material within the hangars at Yankee ramp.	[REDACTED]	No	Not Started	AF 332 (KAF-575) submitted to 451st to install Dielectric unions and welds. This will be accomplished via contract
Yankee Ramp	11-May	KAF-FP-120426-116A	There is no reserve supply of fire suppression foam concentrate for the hangars at Yankee Ramp.	[REDACTED]	No	In progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
164	11-May	KAF-FP-120426-117	Building 164 has exposed plywood walls on interior exit corridors.	DynCorp	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
157	11-May	KAF-FP-120426-118	Building 157A has exposed plywood walls on interior exit corridors		No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
Yankee Ramp	11-May	KAF-FP-120426-119	The foam concentrate control valve handle was obstruction in hangar #1 of Yankee Ramp.		No	In progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.
156	11-May	KAF-FP-120426-120	Building 156 has exposed plywood walls on interior exit corridors.		No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156	11-May	KAF-FP-120426-121	General Fire Protection and Life Safety issues of building 156 present a high risk to personnel.		No	In progress	This item is currently being worked by a 3rd party contractor for repair
543	11-May	KAF-FP-120426-122	Building 543B has poor quality hardware & installation of fire door assemblies in the latrines, corridors, and exits.	DynCorp	No	In progress	. All hardware is currently on order through an existing CO. Items will be replaced upon receipt of materials.
543B	11-May	KAF-FP-120426-123	Building 543B is not provided with the required automatic fire sprinkler system.	DynCorp	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
543B	11-May	KAF-FP-120426-124	There are unoccupied rooms opening into the stair enclosure within building 543B.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
543B	11-May	KAF-FP-120426-125	Building 543B plumbing, conduit, and duct work penetrating walls were not provided with the proper opening protection.	DynCorp	No	In progress	The building is currently under renovation, and similar to 534C, the openings and penetrations will be sealed before renovations are finished.
543B	11-May	KAF-FP-120426-126	There are door closers missing from the fire doors leading into the exit stairs in building 543B.	DynCorp	No	In progress	All hardware is currently on order through an existing CO. Items will be replaced upon receipt of materials. W.O. Submitted to correct deficiency.

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543B	11-May	KAF-FP-120426-127	Camel hair joint compound was used in the threaded pipe joints for building 543B.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
543B	11-May	KAF-FP-120426-128	Fire Department Connection (FDC) is obstructed in building 543B.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
543B	11-May	KAF-FP-120426-129	Building 543B has latrines without fire sprinklers.	DynCorp	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
543B	11-May	KAF-FP-120426-130	Class II Type Fire hoses have been provided in building 543B which are non-operational.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
Z-Hut	11-May	KAF-FP-120426-131	There are no lighting fixtures for the discharge areas outside the exit doors in the Z Huts.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-132	Exit discharge stair handrails and guards are noncompliant in the Z Hut Dormitory Building.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-133	The Z Huts have exit discharge paths over a combustible plywood roof.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-134	Exterior discharge stair landing in the Z Huts are non compliant.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-135	The Z Hut building has raised threshold at exit doors.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-136	The Z Hut building does not provide the required fire sprinkler system.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-137	Fire extinguisher inspection is unknown in the Z Hut.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-138	A fire alarm system with occupant notification is not provided in the Z Hut.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12



# FIRE PROTECTION

# of Findings: 303

# Completed: 55

Percent Complete: 18.15%

Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible	SOR	Repair	KAF Comments
Bldg #	Date	Control Number	Abstract	Party		Status	
Z-Hut	11-May	KAF-FP-120426-139	Smoke detectors are not interconnected in the Z Hut.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut	11-May	KAF-FP-120426-140	A missing smoke detector was noted in the Z Hut.			Awaiting Initial Inspection	DI Fire Initial Inspection Complete on 27 June 12. Facility is Non-Density. Sent to Gov on 16 June 12
Z-Hut Laundry	11-May	KAF-FP-120426-141	Means of egress is not level in the Z Hut Laundry.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.
Z-Hut Laundry	11-May	KAF-FP-120426-142	The Z Hut Laundry stairs do not have handrails and have improper dimensions.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.
Z-Hut Laundry	11-May	KAF-FP-120426-143	Front exit door obstructed in the Z Hut Laundry.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.
Z-Hut Laundry	11-May	KAF-FP-120426-144	Raised threshold at the building front and rear exit doors in the Z Hut Laundry.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.

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Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
Z-Hut Laundry	11-May	KAF-FP-120426-145	Fire extinguisher inspection are unknown in the Z Hut Laundry.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.
Z-Hut Laundry	11-May	KAF-FP-120426-146	Smoke detection devices in the Z Hut Laundry are not UL listed.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.
Z-Hut Laundry	11-May	KAF-FP-120426-147	Smoke detectors are not interconnected in the Z Hut Laundry.			Awaiting USG Decision	DI Fire Initial Inspection complete; DI was unable to locate any laundry facility in the Camp Brown compound. Need clarification from the Government on what the facility looked like as it may have been removed since the date of the inspection.
149	12-May	KAF-FP-120426-148	There is no illuminated exit sign or emergency lighting in building 149.		NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
149	12-May	KAF-FP-120426-149	Building 149 has egress non compliances including exit discharge obstacles and an exit doors that swing the wrong way.		NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
149	12-May	KAF-FP-120426-150	Fire extinguishers in building 149 are missing inspection tags and are unmounted.		NO	Awaiting final	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added and extinguishers mounted
149	12-May	KAF-FP-120426-151	Automatic detection is not provided in building 149.		NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
T-3	12-May	KAF-FP-120426-152	Building T-3 does not have the required illuminated exit sign.	DynCorp	NO	N/A	This is not required IAW NFPA 101 A.7.10.1.2.1 Where a main entrance also serves as an exit, it will usually be sufficiently obvious to occupants so that no exit sign is needed.
T-3	12-May	KAF-FP-120426-153	Building T-3 has exit discharge stair landings and handrails that are missing.	DynCorp	NO	In progress	Work Order placed to correct deficiency DENIED. Site Management instructed that an SOR be submitted to correct deficiency. SOR Submitted
T-3	12-May	KAF-FP-120426-154	Building T3 has raised threshold at exit doors.	DynCorp	Yes	Complete	4BK1121560261; Complete with pictures for verification
T-3	12-May	KAF-FP-120426-155	Building T-3 has fire extinguishers that have an unknown inspection status.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
T-3	12-May	KAF-FP-120426-156	Building T-3 contain smoke detectors that are not interconnected and are not located in the proper mounting position.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
156B, 156C	12-May	KAF-FP-120426-157	The lighting fixtures for the discharge area outside the exit doors are not on emergency power in buildings 156B and 156C.	DynCorp	NO	N/A	IAW NFPA 101 29.2.9.1 Emergency lighting in accordance with Section 7.9 shall be provided in all buildings with more than 25 rooms. These facilities are not required to possess emergency lighting
156B, 156C	12-May	KAF-FP-120426-158	Buildings 156B and 156C have stairways, thresholds, handrails, and landings that are non compliant with NFPA 101.	DynCorp	NO	In progress	Initiate SOR to install hand rails that are NFPA Compliant
156B, 156C	12-May	KAF-FP-120426-159	Buildings 156B and 156C do not have the required fire sprinkler systems.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
156B, 156C	12-May	KAF-FP-120426-160	Buildings 156B and 156C have fire extinguishers that are missing a inspection tags and are not UL listed.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added.
156B, 156C	12-May	KAF-FP-120426-161	The fire alarm systems in buildings 156B and 156C have non-conformities including being out of service, missing glass rods, and insufficient strobes spacing.	DynCorp	NO	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
156B, 156C	12-May	KAF-FP-120426-162	Buildings 156B and 156C are missing smoke detectors in some areas and have non-compliant smoke detectors in others.	DynCorp	NO	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
156B, 156C	12-May	KAF-FP-120426-163	The fire alarm electrical circuit breakers are not identified or secured to the on position in buildings 156B and 156C.	DynCorp	NO	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
8780A	12-May	KAF-FP-120426-164	Building 8780A has non-separated storage areas.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8780A	12-May	KAF-FP-120426-165	Building 8780A had wood stud partitions.	NO	NO	Not Started	Suitable for contingency construction. Seeking waiver from CENTCOM.
8780A	12-May	KAF-FP-120426-166	Means of egress is not level for building 8780A.	NO	NO	Complete	Occupant will level means of egress. Follow-up will be required to verify compliance. Initiate and SOR to evaluate corrective action Sent to Gov on 17 June 12
8780A	12-May	KAF-FP-120426-167	Building 8780A has no exit discharge stair handrails.	NO	NO	in progress	Initiate Work Order to install hand rails that are NFPA Compliant
8780A	12-May	KAF-FP-120426-168	Camel hair pipe sealant was used within building 8780A.	NO	NO	In Progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8780A	12-May	KAF-FP-120426-169	Piping and fitting material used in building 8780A are non-listed material.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8780A	12-May	KAF-FP-120426-170	The fire alarm visual notification device (strobes) spacing is insufficient in building 8780A.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
8780A	12-May	KAF-FP-120426-171		NO	NO	In progress	The occupant will be responsible for ordering and placement. Follow-up will be required to ensure code compliance in a timely manner Sent to Gov on 17 June 12
8780A	12-May	KAF-FP-120426-172	Building 8780A has a fire alarm system that is currently out of service.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8889Q	12-May	KAF-FP-120426-173	Building 8889Q has higher hazard areas and storage areas that are not separated by a fire-rated wall or door.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8889Q	12-May	KAF-FP-120426-174	Building 8889Q does not have emergency lighting fixtures for the discharge area outside the exit doors.	DynCorp	NO	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists: (1)The building is three or more stories in height. (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge. (3)The occupancy is subject to 1000 or more total occupants. None of these conditions apply, therefore emergency lighting is not required.
8889Q	12-May	KAF-FP-120426-175	Building 8889Q lacks the required illuminated directional signage and emergency exit signage.	DynCorp	YES	Complete	4BK1121490380/Complete with pictures for verification
8889Q	12-May	KAF-FP-120426-176	Building 8889Q has exit stairs with several non-compliances.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8889Q	12-May	KAF-FP-120426-177	Building 8889Q has a sleeping room in which the exit pathway is through a storage room.	DynCorp	NO	Awaiting final	The deficiency cannot be corrected through SOR. The client needs to move the layout of the room to become compliant. Follow-up needs to be completed to ensure code compliance

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
8889Q	12-May	KAF-FP-120426-178	Building 8889Q has raised thresholds at the ancillary training annex.	DynCorp	NO	In progress	Work Order placed to correct deficiency DENIED. Site Management instructed that an SOR be submitted to correct deficiency. SOR Submitted
8889Q	12-May	KAF-FP-120426-179	Building 8889Q has fire extinguishers in which the status of inspection is unknown.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
8889Q	12-May	KAF-FP-120426-180	Building 8889Q does not have interconnected smoke detectors or adequate smoke detector coverage.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8889Q	12-May	KAF-FP-120426-181	Building 8889Q has exposed plywood walls on the interior of the exit corridors.	DynCorp	NO	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8881A	12-May	KAF-FP-120426-182	Building 8881A lacks the required illuminated directional exit signage.	DynCorp	YES	In progress	4BK1121490380; re-open; verified not complete as of 27 June 12
8881A	12-May	KAF-FP-120426-183	Building 8881A has a ceiling height on the front porch exit stairs that is too low.	DynCorp	NO	In progress	Open SOR to raise or eliminate the overhang
8881A	12-May	KAF-FP-120426-184	Building 8881A has non-compliant stair dimensions.	DynCorp	NO	In progress	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8881A	12-May	KAF-FP-120426-185	Building 8881A has fire extinguishers that had out of date inspections.	DynCorp	NO	complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added



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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
8881A	12-May	KAF-FP-120426-186	Building 8881A has smoke detectors that have insufficient spacing, are not interconnected, or are missing.	DynCorp	NO	complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means The building O&M was assumed without an fixed fire detection system in place. Single station alarms were placed as a best business practice to protect the current occupancy. Any changes will require re-design and addition of materials to comply with this requirement. DI has not received governmental direction to provide estimate of labor and materials required to bring the current system into code compliance.
8881A	12-May	KAF-FP-120426-187	Building 8881A has exposed plywood walls on interior exit corridors.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8882	12-May	KAF-FP-120426-188	Building 8882 has non-separated storage areas.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8882	12-May	KAF-FP-120426-189	Building 8882 lacks illuminated directional signage and exit signage.	DynCorp	Yes	Complete	4BK1121540733; Closed with pictures for verification
8882	12-May	KAF-FP-120426-190	Building 8882 has exit discharge stairs that exceed riser variation limitations and that do not have two handrails.	DynCorp	NO	In progress	Open WO to install second handrail as well as correct riser variation
8882	12-May	KAF-FP-120426-191	Building 8882 has raised thresholds at the exit doors.	DynCorp	NO	Complete	4BK1121710041; Closed with pictures for verification
8882	12-May	KAF-FP-120426-192	Building 8882 has an office with an exit access way through a storage room.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
8882	12-May	KAF-FP-120426-193	Building 8882 has fire extinguishers that have out of date inspections.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added.
8882	12-May	KAF-FP-120426-194	Building 8882 has inadequate smoke detector coverage and the smoke detectors are not interconnected.	DynCorp	NO	Complete	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
8882	12-May	KAF-FP-120426-195	Building 8882 has exposed plywood walls on interior of exit corridors.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
309	13-May	KAF-FP-120426-196	There are power cords obstructing the means of egress in building 309.	DynCorp	NO	Complete	Complete with pictures for verification
309	13-May	KAF-FP-120426-197	Exit signs are not illuminated within building 309.	DynCorp	NO	In progress	4BK1121490391
309	13-May	KAF-FP-120426-198	No emergency backup is provided on the exit discharge lighting on the exterior of building 309.	DynCorp	NO	N/A	IAW NFPA 101 29.2.9.1 Emergency lighting in accordance with Section 7.9 shall be provided in all buildings with more than 25 rooms. These facilities are not required to possess emergency lighting
309	13-May	KAF-FP-120426-199	Smoke detectors are connected to ropes at the top of the metal framing within building 309.	DynCorp	NO	In progress	4BK1121640267
309B	13-May	KAF-FP-120426-200	Fire extinguisher has not been serviced regularly at building 309B.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
309B	13-May	KAF-FP-120426-201	No smoke or heat detection is present in the latrine and shower of building 309B.	DynCorp	NO	Not Started	Will install detectors
162L, 166	13-May	KAF-FP-120426-202	Buildings 162L and 166 do not have illuminated exit signage.	DynCorp	YES	In progress	4BK1121490380
162L	13-May	KAF-FP-120426-203	Building 162L does not provide adequate emergency lighting.	DynCorp	YES	In progress	4BK1121490380

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
166	13-May	KAF-FP-120426-204	Building 166 has an obstructed exit door.	DynCorp	NO	Complete	Corrected on the spot by occupant
162L, 166	13-May	KAF-FP-120426-205	Buildings 162L and 166 do not have a level means of egress.	DynCorp	NO	In progress	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to level the area.
162L, 166	13-May	KAF-FP-120426-206	Building 162L and 166 have unknown inspection status fire extinguishers, which are also mounted improperly.	DynCorp	NO	In progress	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is their responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added. Fire extinguishers remounted
166	13-May	KAF-FP-120426-207	Building 166 has a smoke detector that is located on a sidewall too low from the ceiling.	DynCorp	NO	Complete	The smoke detector was moved to the proper position
162L, 166	13-May	KAF-FP-120426-208	Buildings 162L and 166 has smoke detectors that are not interconnected and some that are missing.	DynCorp	NO	In progress	Outside scope of LOGCAP O&M. Task order or separate contract must be executed. Missing and inop detectors have been fixed.
162L	13-May	KAF-FP-120426-209	Buildings 162L and 166 do not have fire alarm systems with occupant notification.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
162L	13-May	KAF-FP-120426-210	Building 162L has exposed plywood walls on interior exit corridors.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
209	13-May	KAF-FP-120426-211	Exit discharge stair guards are noncompliant in building 209.	DynCorp	NO	In progress	Open work order to install handrails and guards
209	13-May	KAF-FP-120426-212	Fire extinguisher inspection unknown within building 209.	DynCorp	NO	In progress	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
Yankee Hanger #1	13-May	KAF-FP-120426-213	A Yankee hangar has an emergency exit sign that is burnt out.		NO	In progress	Job Order (P841) submitted to 451st ECES for repair.

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Yankee Hangers	13-May	KAF-FP-120426-214	Multiple fire alarm panels in varying conditions with multiple alarms conditions in the hangars at Yankee ramp were found.		NO	In Progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.
Yankee Hangers	13-May	KAF-FP-120426-215	Fire alarm electrical circuit breakers are not being properly identified or secured within the hangars at Yankee ramp.		NO	In Progress	The 451st is currently working with USFOR-A South Fire Chief (Mr. Mullane), USFOR-A Fire Protection Engineer (Mr. Conroy) and DynCorp Deputy Fire Chief (Mr. Klug) to evaluate the entire system from the Pump House to all hangars on Yankee, Sierra and Zulu to make all repairs and recertify the systems and have a contract to perform O&M.
168	13-May	KAF-FP-120426-216	There are no illuminated exit signs within building 168.	DynCorp	NO	Awaiting USG Decision	This is not required IAW NFPA 101 A.7.10.1.2.1 Where a main entrance also serves as an exit, it will usually be sufficiently obvious to occupants so that no exit sign is needed.
168	13-May	KAF-FP-120426-217	Exit discharge stair handrails and guards are noncompliant at building 168.	DynCorp	NO	N/A	Does not have handrails. As the stairs are less than 3 steps, handrails are not required
168	13-May	KAF-FP-120426-218	Fire extinguishers building 168 are missing inspection tags and are not properly mounted.	DynCorp	NO	complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added. Fire extinguishers mounted properly
168	13-May	KAF-FP-120426-219	Building 168 has smoke detectors that are not interconnected and some that are missing.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
168	13-May	KAF-FP-120426-220	Exposed plywood walls on interior exit corridors of building 168.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
SP Dining Tent	14-May	KAF-FP-120426-221	The dining tent at South Park does not have an illuminated exit sign.	DynCorp	YES	In progress	4BK1121490391
SP Dining Tent	14-May	KAF-FP-120426-222	The dining tent at South Park has raised threshold at exit doors.	DynCorp	NO	In progress	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to level the threshold.
SP Dining Tent	14-May	KAF-FP-120426-223	The dining tent at South Park have aisle width dimensions that are too small.	DynCorp	NO	Complete	No SOR required. Occupant repositioned table to gain the required egress clearances.
SP Dining Tent	14-May	KAF-FP-120426-224	The dining tent at South Park has non-UL listed smoke detectors which do not meet spacing requirements.	DynCorp	NO	Awaiting final	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
SWA Huts	14-May	KAF-FP-120426-225	The SWA Huts have hazard areas that are not separated by fire-rated construction or fire-rated doors.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
SWA Huts	14-May	KAF-FP-120426-226	The SWA Huts have doors in which the gaskets are detaching.	NO	NO	Awaiting final	Deficiency has not been mitigated by the occupant. SOR initiated as of 27 June 12
SWA Huts	14-May	KAF-FP-120426-227	The SWA Huts have lighting fixtures for the discharge area outside the exit doors that are not on emergency power.	NO	NO	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists: (1)The building is three or more stories in height. (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge. (3)The occupancy is subject to 1000 or more total occupants. None of these conditions apply, therefore emergency lighting is not required.
SWA Huts	14-May	KAF-FP-120426-228	The SWA Huts have exit stair doors that are not properly labeled.	DynCorp	NO	Complete	Exit signs were applied

# FIRE PROTECTION

# of Findings: 303

# Completed: 55

Percent Complete: 18.15%

Kandahar Finding Log			FIRE PROTECTION 21 May 2012	Responsible		Repair	
Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
SWA Huts	14-May	KAF-FP-120426-229	The SWA Huts have cable penetrations in corridor walls that are not protected.	NO	NO	Not Started	The corridor noted within this deficiency is a non-smoke partition corridor. The NFPA referenced is for penetrations in a smoke partition. The walls in this facility do not extend to the ceiling.
SWA Huts	14-May	KAF-FP-120426-230	The SWA Huts had an office door that was missing the handle hardware.	NO	NO	complete	No deficiency to be corrected. The broken door handle was replaced by building occupant with a non-latching T-handle.
SWA Huts	14-May	KAF-FP-120426-231	The SWA Huts have assembly seating stairs that do not have handrails.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
SWA Huts	14-May	KAF-FP-120426-232	The SWA Huts do not have the required fire sprinkler system.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
SWA Huts	14-May	KAF-FP-120426-233	The SWA Huts have fire extinguishers that have an unknown inspection status.	NO	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
SWA Huts	14-May	KAF-FP-120426-234	The SWA Huts do not have a fire alarm evacuation system.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
Senior Housing	15-May	KAF-FP-120426-235	The Senior Leader Housing does not have lighting fixtures for the discharge area outside the exit doors on emergency power.	NO	NO	N/A	IAW NFPA 101 29.2.9.1 Emergency lighting in accordance with Section 7.9 shall be provided in all buildings with more than 25 rooms. These facilities are not required to possess emergency lighting



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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
Senior Housing	15-May	KAF-FP-120426-236	The Senior Leader Housing has fire extinguishers with an unknown inspection status.	NO	NO	complete	This deficiency cannot be corrected through SOR. The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
Senior Housing	15-May	KAF-FP-120426-237	The latrines of the Senior Leader Housing do not have automatic smoke or heat detection.	NO	NO	Not Started	Will install detectors
759	15-May	KAF-FP-120426-238	The doors in the corridors of buildings 759-C, 759-D, 759-E, and 759-F did not have self closing devices installed on them.	NO	NO	Not Started	This is a non-density list facility. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759-E	15-May	KAF-FP-120426-239	Fire stopping into main corridor of building 759-E was loose and not sufficient to control smoke or hot gases.	NO	NO	Not Started	This is a non-density list facility. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759	15-May	KAF-FP-120426-240	Buildings 759-C, 759-D, 759-E and 759-F do not have fire-rated doors separating the sleeping units from the main corridor.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759	15-May	KAF-FP-120426-241	Buildings 759C, 759D, 759E, and 759F did not have self illuminated exit signs.	NO	NO	Not Started	This is a non-density list facility. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759	15-May	KAF-FP-120426-242	The exit doors in buildings 759-C, 759-D, 759-E, and 759-F require two actions to open the door.	NO	NO	Not Started	This is a non-density list facility. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759-D	15-May	KAF-FP-120426-243	In building 759-D the exit door handle did not have a set screw installed.	NO	NO	Not Started	This is a non-density list facility. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759	15-May	KAF-FP-120426-244	Buildings 759-C, 759-D, 759-E and 759-F were not provided with automatic fire sprinkler systems.	NO	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
759-D, 759-E	15-May	KAF-FP-120426-245	Buildings 759-D and 759-E have fire alarm systems that are non-functional.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
162D	15-May	KAF-FP-120426-246	There is no illuminated exit sign in building 162D.	DynCorp	NO	in progress	SOR placed to correct deficiency
162D	15-May	KAF-FP-120426-247	Second means of egress door hardware is non compliant in building 162D.	DynCorp	NO	in progress	Work Order placed to correct deficiency

# FIRE PROTECTION

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
162D	15-May	KAF-FP-120426-248	A fire extinguisher with out of date inspection was found in building 162D.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
162D	15-May	KAF-FP-120426-249	Building 162D has only one smoke detector which is improperly mounted.	DynCorp	NO	Awaiting final	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
162D	15-May	KAF-FP-120426-250	A fire alarm system with occupant notification is not provided in building 162D.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
8766F, 8766G	15-May	KAF-FP-120426-251	The smoke detectors in buildings 8766F and 8766G are placed too far down from the peak of the ceiling and there are missing smoke detectors in building 8766F.	DynCorp	NO	In progress	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
8766F, 8766G	15-May	KAF-FP-120426-252	Buildings 8766F and 8766G each have an emergency exit light is burned out and have exit signs that are not illuminated.	DynCorp	YES	In progress	4BK1121490391

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
8766A, B, E	15-May	KAF-FP-120426-253	Buildings 8766 A, B, and E, did not have exit discharge lighting connected to emergency power.	DynCorp	NO	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists: (1)The building is three or more stories in height. (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge. (3)The occupancy is subject to 1000 or more total occupants. None of these conditions apply, therefore emergency lighting is not required. Sent to Gov on 16 June 12
8766A, B, E	15-May	KAF-FP-120426-254	The exit stairs of buildings 8766A, B and E, have stair guardrails and handrails that do not comply with NFPA 101.	DynCorp	NO	In progress	Require s work order for second handrail
5781, 5816	15-May	KAF-FP-120426-255	The fire alarm systems in buildings 5781 and 5816 have non-conformities including being out of service, missing glass rods, and insufficient strobe and smoke detector spacing.	DynCorp	NO	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
721, 722, 723, 724, 725	15-May	KAF-FP-120426-256	A padlock is able to be applied to the exit doors of tents 721, 722, 723, 724 and 725.	NO	NO	Complete	All hasps were removed
721, 722, 723	15-May	KAF-FP-120426-257	Housing tents 721, 722, and 723 have smoke detectors that are not interconnected and are spaced too far from wall and from each other.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
724, 725	15-May	KAF-FP-120426-258	A hard-wired fire alarm system was installed in tents 724 and 725 but they are not functional.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
721	15-May	KAF-FP-120426-259	Tent 721 has a 50 gallon fuel tank that is within two feet.	NO	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
516B	16-May	KAF-FP-120426-260	Building 516B, the customs office building, has several emergency exit and egress lighting issues.	DynCorp	NO	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists: (1)The building is three or more stories in height. (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge. (3)The occupancy is subject to 1000 or more total occupants. None of these conditions apply, therefore emergency lighting is not required, however, an SOR is required to replace currently mounted lights due to expectation of operation
516B	16-May	KAF-FP-120426-261	Building 516B has stairways, thresholds, and handrails that are not compliant with NFPA 101.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
516B	16-May	KAF-FP-120426-262	Fire extinguishers in building 516B are not properly mounted, inspected, or maintained.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
516B	16-May	KAF-FP-120426-263	Building 516B has smoke detectors that are not interconnected, not spaced correctly, and non-UL listed.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
516B	16-May	KAF-FP-120426-264	Building 516B has exposed plywood walls on interior corridor and exit stair walls.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
509I, 509J	16-May	KAF-FP-120426-265	Buildings 509I and 509J have rooms containing hazards that are not separated from the rest of the building.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
509I, 509J	16-May	KAF-FP-120426-266	Buildings 509I and 509J each have lighting fixtures for the discharge area outside the exit doors that are not on emergency power.	DynCorp	NO	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists:  (1)The building is three or more stories in height.  (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge.  (3)The occupancy is subject to 1000 or more total occupants.  None of these conditions apply, therefore emergency lighting is not required, however, an SOR is required to replace currently mounted lights due to expectation of operation  Sent to Gov on 16 June 12
509I, 509J	16-May	KAF-FP-120426-267	Buildings 509I and 509J have exit discharge stair guards that are noncompliant.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
509I, 509J	16-May	KAF-FP-120426-268	Buildings 509I and 509J have raised thresholds at the interior office doors and raised thresholds for the exit doors.	DynCorp	NO	In progress	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to level the area.
509I, 509J	16-May	KAF-FP-120426-269	Fire extinguishers in buildings 509I and 509J do not have inspection tags.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
509I, 509J	16-May	KAF-FP-120426-270	Buildings 509I and 509J have smoke detector devices that are consistent with non-UL listed devices, and a smoke detector that is missing.	DynCorp	NO	Awaiting final	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
516B	16-May	KAF-FP-120426-271	Buildings 516B has rooms containing hazards not separated from the rest of the building.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
041G	16-May	KAF-FP-120426-272	Building 041G has an emergency exit light that is burnt out.	DynCorp	Yes	Awaiting USG Decision	4BK1121540739
041G, 041H, 041I	16-May	KAF-FP-120426-273	Buildings 041G, 041H, and 041I have landings outside of the ground floor exits that step down as you exit the buildings.	DynCorp	NO	In progress	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to level the area.
041G, 041H, 041I	16-May	KAF-FP-120426-274	Buildings 041G, 041H and 041I have stair guardrails and handrails that do not comply with NFPA 101.	DynCorp	NO	In progress	Open work order to install handrails and guards
041G, 041H, 041I	16-May	KAF-FP-120426-275	Buildings 041G, 041H, and 041I have fire extinguishers that have an unknown inspection status.	DynCorp	NO	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguisher tag was added
041G, 041H, 041I	16-May	KAF-FP-120426-276	Buildings 041G, 041H, and 041I have manual pull stations for the fire alarm system 5'-01" from the floor.	DynCorp	NO	in progress	Fire Alarm technicians will lower by 1 inch
041G, 041H, 041I	16-May	KAF-FP-120426-277	Buildings 041G, 041H, and 041I have smoke detectors 40 feet apart in corridors.	DynCorp	NO	In progress	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
041G, 041H, 041I	16-May	KAF-FP-120426-278	Buildings 041G, 041H, and 041I have smoke detectors that are not correctly located or are missing.	DynCorp	NO	In progress	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means



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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
301-J	16-May	KAF-FP-120426-279	Building 301-J had a walk-in refrigerator that could only be opened if there was power to the building.	DynCorp	NO	In progress	Building occupant repaired the locking mechanism
301-J	16-May	KAF-FP-120426-280	Building 301-J has a common path of travel distance that exceeds 50 feet.	DynCorp	NO	Awaiting USG Decision	This building must be evaluated as to how a secondary method of egress to meet common path of travel can be achieved
301-J	16-May	KAF-FP-120426-281	There are smoke detectors that are installed too far from the ceiling in building 301-J.	DynCorp	NO	In progress	All smoke detectors were inspected and repaired under LOTD 6454. Any units missing or disabled were either installed, replaced or returned to FMC status through additional means
306	16-May	KAF-FP-120426-282	Building 306 has an exit door that does not meet the NFPA requirements.	DynCorp	NO	In progress	Open work order to create NFPA compliant 3rd exit
041A-E	16-May	KAF-FP-120426-283	Buildings 041A, 041B, 041C, 041D, and 041E, have stair guardrails and handrails that do not comply with NFPA 101.	DynCorp	NO	In progress	Open work order to install handrails and guards
041A-E	16-May	KAF-FP-120426-284	Fire extinguishers in buildings 041A through 041E are not properly inspected or maintained.	DynCorp	NO	complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(p). Fire extinguishers remounted
041A-E	16-May	KAF-FP-120426-285	The fire alarm systems in buildings 041A-E are currently out of service.	DynCorp	NO	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
041A-E	16-May	KAF-FP-120426-286	Buildings 041A through E have manual pull stations for the fire alarm system too far from the floor.	DynCorp	NO	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
041A-E	16-May	KAF-FP-120426-287	The perimeter of buildings 041A through E has overgrown vegetation.	DynCorp	NO	complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(e).
041F	16-May	KAF-FP-120426-288	Building 041F has storage in the corridor where the means of egress go down to 28 inches in width.	DynCorp	NO	In progress	Occupant removed storage in egress path

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Bldg #	Date	Control Number	Abstract	Party	SOR	Status	KAF Comments
041F	16-May	KAF-FP-120426-289	Building 041F has a rear exit that is through a hazardous storage room.	DynCorp	NO	In progress	This deficiency cannot be corrected through SOR. This hazard was present at the time of assumption. Any changes will require re-design and addition of materials to comply with this requirement. DI has not received governmental direction to provide estimate of labor and materials required to bring the current system into code compliance.
041F	16-May	KAF-FP-120426-290	There are keyed locks on the egress side of doors in the Losano Medical Clinic, building 041F.	DynCorp	Yes	Complete	4BK11210540736; Closed with pictures for verification
KMC	17-May	KAF-FP-120426-291	The Kandahar Medical Clinic has an adjacent warehouse that is of a higher hazard and is not separated by 1-hour fire resistance rated construction.	DynCorp	NO	Awaiting USG Decision	DI has not received governmental direction to provide estimate of labor and materials required to bring the current system into code compliance. a waiver may be sought from CENTCOM
KMC	17-May	KAF-FP-120426-292	In the Kandahar Medical Clinic, the rear exit may not always be available to occupants.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
KMC	17-May	KAF-FP-120426-293	The Kandahar Medical Clinic has a noncompliant exit landing at the rear of the building.	DynCorp	NO	In progress	Open an work order to provide landing at door in rear of building
KMC	17-May	KAF-FP-120426-294	The Kandahar Medical Clinic has battery operated smoke detectors that are not interconnected.	DynCorp	NO	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
KMC	17-May	KAF-FP-120426-295	The Kandahar Medical Clinic has plywood construction that is used in the exit access corridors.	DynCorp	NO	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
KMC	17-May	KAF-FP-120426-296	Vegetation has grown up to the structure of the Kandahar Medical Clinic.	DynCorp	NO	Awaiting final	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(e).
RLB 7	17-May	KAF-FP-120426-297	The RLB 7 project had wall penetrations without fire barriers from living unit to living unit.			Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
RLB 7	17-May	KAF-FP-120426-298	The exit access corridors have unprotected windows and door openings in the RLB 7 buildings.			Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

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RLB 7	17-May	KAF-FP-120426-299	The RLB 7 living unit doors have key locks on the egress side of the doors.			Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
RLB 7	17-May	KAF-FP-120426-300	There is no automatic sprinkler system installed in the RLB 7 buildings.			Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
5781, 5816	17-May	KAF-FP-120426-301	Buildings 5781 and 5816 have wood stud partitions.	DynCorp	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
5781, 5816	17-May	KAF-FP-120426-302	The lighting fixtures for the discharge area outside the exit doors are not on emergency power in buildings 5781 and 5816.	DynCorp	No	N/A	IAW NFPA 101 39.2.9.1 Emergency lighting shall be provided in accordance with Section 7.9 in any building where any one of the following conditions exists:  (1)The building is three or more stories in height.  (2)The occupancy is subject to 100 or more occupants above or below the level of exit discharge.  (3)The occupancy is subject to 1000 or more total occupants.  None of these conditions apply, therefore emergency lighting is not required.
5781, 5816	17-May	KAF-FP-120426-303	Buildings 5781 and 5816 have entry door thresholds that are too high.	DynCorp	Yes	Complete	4BK1121540734; Complete with pictures for verification
5781, 5816	17-May	KAF-FP-120426-304	Buildings 5781 and 5816 do not provide the required fire sprinkler system.	DynCorp	No	Not Started	A waiver from CENTCOM may be pursued. Outside scope of LOGCAP O&M. Task order or separate contract must be executed.
5781, 5816	17-May	KAF-FP-120426-305	The fire alarm electrical circuit breakers are not identified or secured in the "on" position in buildings 5781 and 5816.	DynCorp	No	in progress	Open SOR to identify breakers and secure into the on position

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5816	17-May	KAF-FP-120426-306	The perimeter for building 5816 is overgrown with vegetation.	DynCorp	No	Complete	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(e).
Stryker	17-May	KAF-FP-120426-307	The Engineering and Stryker HQ buildings have interior doors that require the use of a key from the egress side of the door.	USACE	Yes	In progress	4BK1121560259
Stryker	17-May	KAF-FP-120426-308	The fire sprinkler seismic bracing is not compliant in the Engineering and Stryker HQ buildings.	USACE	No	Not Started	New construction...potential warranty work or modification.
Stryker	17-May	KAF-FP-120426-309	The valve pits for the underground fire water supply at the Engineering and Stryker HQ buildings did not have a means of protecting against the accumulation of water.	USACE	No	Not Started	New construction...potential warranty work or modification.
Stryker	17-May	KAF-FP-120426-310	The ducts for the HVAC system for the Engineering and Stryker HQ buildings do not contain duct detectors for automatic shutdown.	USACE	No	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
Stryker	17-May	KAF-FP-120426-311	The fire alarm system in the Engineering and Stryker HQ buildings did not have a backup battery.	USACE	No	In progress	This building has been placed on the Fire Alarm Technicians list to repair and return to FMC status
543A	17-May	KAF-FP-120426-314	The out of service fire alarm system in building 543A poses significant risk to building occupants.	DynCorp	No	Not Started	Outside scope of LOGCAP O&M. Task order or separate contract must be executed.

## Appendix B Continued

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### Notice of Concerns and Responses - KAF

#### ***OIG Response to CENTCOM - KAF***

We commend the Kandahar Garrison Command, and Task Force POWER on their rapid response in the correction of findings identified during the assessment of Kandahar Air Field, and their general agreement with all findings as indicated in their “Responses to Notice of Concern (**Project D2012-DT0TAD-0001/2**)”, dated 26 July 2012 (see appendix B). The actions described in Item 3 and the attached Finding Tracking Spreadsheets (which lists status of corrective actions to our findings) appear to be a step in the right direction.

However, although we recognize CENTCOM and TF POWER’s authority to grant exceptions to electrical findings, we consider the authorization of certain electrical practices to be unsafe. Item 2 of the CENTCOM response to the DoD OIG NOC states, “Some of the electrical findings are governed by Technical Directive Bulletins (TDB) issued by Task Force POWER (TF POWER) as Authority Having Jurisdiction<sup>5</sup> allowing the practices. Those findings are noted in Attachment 1 with explanation.”

We remain concerned about the installation of electrical power distribution panels inside latrines as authorized by a TF Power Technical Directive Bulletin (TFP\_ TDB\_012\_2011\_05\_23 LSS). Moisture or water in the service disconnects can cause a ground fault condition, resulting in possible injury or shock hazard to personnel. Allowing service disconnect in bathrooms violates NFPA 70, National Electrical Code 2008, article 230.70 (A) (2), which states, “Service disconnecting means shall not be installed in bathrooms.” We consider the continuation of this practice to be unsafe.

Also, TF Power Technical Directive Bulletin (TFP\_ TDB\_007\_2011\_02\_16) allows wire splicing in nonmetallic raceways. This is contrary to NFPA 70, National Electrical Code 384.100 (A), which states, “Raceways and accessories shall be formed of steel, stainless steel, or aluminum.” Raceways constructed of wood are more prone to damage and deterioration, leaving conductors unprotected and exposed, and therefore the raceways do not provide adequate protection or grounding, posing a risk of electrical shock to personnel. We consider it unsafe to continue this practice.

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<sup>5</sup> Task Force POWER Overview, 12 July 2012 states tha the Task Force POWER Officer In Charge has been appointed the role of Authority Having Jurisdiction (AHJ) since 2009 by USFOR-A DCG-S

## Appendix C

### Notice of Concerns and Responses - BAF

#### *NOC Electrical Standards Bagram Air Field (Oct 10, 2012)*



INSPECTOR GENERAL  
DEPARTMENT OF DEFENSE  
4800 MARK CENTER DRIVE  
ALEXANDRIA, VIRGINIA 22350-1500

OCT 10 2012

MEMORANDUM FOR COMMANDER, U.S. CENTRAL COMMAND

SUBJECT: Notice of Concern—Inspection of Military Construction Compliance with Electrical Standards at Selected Facilities in Afghanistan (Project No. D2012-DT0TAD-0001)

This Notice of Concern is to inform you that the Department of Defense Inspector General (DoD IG) team identified issues that require your immediate attention. During the Electrical Standards Inspection of U.S.-controlled and -occupied facilities at Bagram Air Field (BAF) from July 12, 2012 to August 21, 2012, the team inspected 118 facilities and identified 331 findings that violate National Electrical Code (NEC) requirements. The DoD IG views the corrective actions for all findings as critical to ensure the safety of the warfighter. Of the 331 findings, the following 39 findings require immediate corrective action due to their life, health, and safety severity:

- In building 25170, the Craig Joint Theater Hospital, the automatic power transfer switch for the back-up power generator is nonoperational (Finding BAF-EL-120709-030).
- In front of building 25022, along Disney Street, there are low-hanging overhead power lines. A Mine Resistant Ambush Protected Vehicle's antenna was in contact with an overhead power line (Finding BAF-EL-120709-036).
- In building 25059, aircraft hangar, the conductors are overheated, one conductor wire is noticeably smaller than the other, and the conduit to the high bay lighting has an electrical frequency vibration (Finding BAF-EL-120709-041).
- On the outside of building 16534B at Camp McCool, the service panel is wired directly to the transformer and has no main disconnecting means or circuit breaker to de-energize the circuit breakers that feed to various buildings (Finding BAF-EL-120709-074).
- In buildings 14993 and 14996, Clamshell Gyms, the main distribution panel is grounded with undersized conductor wire, and subpanels are earth-grounded to the building frame and earth (Finding BAF-EL-120709-336).
- The main service equipment panels have no main bonding jumper to earth ground (Findings BAF-EL-120709-014, 043, 124B, 150, and 240).
- Throughout BAF, flexible cords; such as extension cords, appliance cords, and power strips; have no ground contact (ground prong) (Findings BAF-EL-120709-026, 031A, 087, 142, 152, 161, 168, 197, 199, 225, 228, 230, 250, 272, 283, 285, and 335).



- The required ground-fault circuit interrupter (GFCI) was not installed or is nonfunctional in multiple facilities (Findings BAF-EL-120709-056, 145, 163, 170, 214, 223, 242, 248, 274, 291A, 295, and 332).

The majority of the findings are in the following categories: Grounding and bonding, misuse of plastic sheathed cables, misuse of flexible cables, no disconnect means for equipment, improper and/or incomplete or damaged electrical panels, and improper electrical wiring. The inspection also identified inconsistent Government oversight and inspection of facilities; a lack of qualified Government electricians for inspection, testing, and maintenance; and an overreliance on contractors to provide technical expertise to Government contracting officer's representatives. In addition, Task Force Power on BAF has only one full-time, Government representative and inadequate resources to meet minimum NEC requirements. Moreover, the high-volume of leadership turnover contributes to the diminished sense of ownership and a loss of history, experience, and data.

During this inspection, we conducted a follow-up review of corrective actions taken in response to DoD IG Audit Report No. DODIG-2012-089, "Better Contract Oversight Could Have Prevented Deficiencies in the Detention Facility in Parwan, Afghanistan." The inspection identified corrective actions that were not fully implemented or completed. Findings BAF-EL-120709-123A and BAF-EL-120709-124B pertain to these corrective action deficiencies and need to be addressed along with the findings from this inspection.

Our findings are attached to this memorandum for your review and comment. DoD Directive 7650.3 requires that recommendations be resolved promptly. Please provide comments that state whether you agree or disagree with the findings and recommendations. If you agree with our recommendations, describe what actions you have taken or plan to take to accomplish the recommendations and include the completion dates of your actions. If you disagree with the recommendations or any part of them, please give specific reasons why you disagree and propose alternative action if appropriate. A comprehensive report will be provided to you once all our inspections in Afghanistan are complete.

Please provide your comments and proposed corrective actions by November 9, 2012. We will include copies of the comments in the report. The DoD IG views the corrective actions for all findings as critical to ensure the safety of the warfighter. If you consider any matters to be exempt from public release, you should mark them clearly for Inspector General consideration.

Send a portable document format (.pdf) file and the corresponding Excel spreadsheet containing your comments to [REDACTED]. Copies of your comments must have the actual signature of the authorizing official for your organization.

We appreciate the courtesies extended to the staff. Please direct questions to [REDACTED]

STONE.RAND  
OLPH.R.12599  
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Digitally signed by  
STONE.RANDOLPH.R.1259992415  
DN: c=US, o=U.S. Government,  
ou=DoD, ou=PKI, ou=DOIG,  
cn=STONE.RANDOLPH.R.1259992  
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Date: 2012.10.10 07:56:50 -0400

Randolph R. Stone  
Deputy Inspector General  
Policy and Oversight

Attachments:  
As stated

cc:  
Assistant Secretary of the Air Force for  
Management and Comptroller  
Auditor General, Department of the Army

## Bagram Finding Log

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
25120C	7/13/2012	BAF-EL-120709-001	Two air-conditioning units in building 25120C were found permanently wired to power with no visible means of disconnecting in the case they malfunction or maintenance is required.	
25120C	7/15/2012	BAF-EL-120709-002A	There is an inadequately closed opening in which conductors enter the junction box in Building 25120C.	
25120C	7/15/2012	BAF-EL-120709-003	There is an inadequately closed opening in which conductors enter a lighting fixture in Building 25120C.	Combined with 002
25048	7/15/2012	BAF-EL-120709-004	There is an unused opening in the distribution panel outside Building 25048	
25048	7/15/2012	BAF-EL-120709-005A	There is inadequate working clearance in front of an air-conditioner disconnect outside Building 25048	
25118B	7/15/2012	BAF-EL-120709-006	The service entrance cable outside of building 25118B is not properly supported	
25048	7/15/2012	BAF-EL-120709-007	There is a Non-Metallic (NM) cable run outside Building 25048 in a location that is not permitted by NFPA 70.	
25118A	7/16/2012	BAF-EL-120709-008	The neutral wire insulation is misidentified in color in building 25118A	
25118A	7/16/2012	BAF-EL-120709-009A	The PVC conduit entering the rear of the panel box is not connected to the panel box in building 25118A	
25048	7/16/2012	BAF-EL-120709-010	There is an improperly routed flexible cord through a hole in the wall in building 25048	
25118A	7/16/2012	BAF-EL-120709-011	Electrical Metallic Tubing (EMT) conduit connections at junction boxes are not securely grounded/bonded in building 25118A	
25048	7/16/2012	BAF-EL-120709-012	Two power strips were found run in series inside building 25048	
25048	7/16/2012	BAF-EL-120709-013A	A power strip was found to be defective in building 25048	
25118B	7/16/2012	BAF-EL-120709-014	There is no main bonding jumper in the main service equipment panel outside building 25118B	
25048	7/17/2012	BAF-EL-120709-015	There are no means of disconnect for six air-conditioners outside of building 25048	
25048	7/17/2012	BAF-EL-120709-016	There is an improperly color-coded grounding conductor running from panel 16-4-A-4 outside building 25048	
25059	7/17/2012	BAF-EL-120709-017	Power panel 16-14 outside Hanger Building 25059 no longer has a 3-R rain-tight rating and can no longer be properly accessed	

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
25118A	7/17/2012	BAF-EL-120709-018	The main distribution panel outside building 25118A, a male latrine, has an unused opening and loose bonding locknut	
25059	7/17/2012	BAF-EL-120709-019	There are numerous flexible cords and cables that have the outer sheath pulled out of plugs or boxes in Aircraft Hanger building 25059	
25170	7/17/2012	BAF-EL-120709-020	There is a chain limiting access to an air-conditioner control box in Building 25170, the Craig Joint Theater Hospital	
25170	7/17/2012	BAF-EL-120709-021	There are unused openings in a generator control box in building 25170, the Craig Joint Theater Hospital	
25059	7/18/2012	BAF-EL-120709-022	A flexible cord is being run under a floor mat and used as a substitute for fixed wiring in Aircraft Hanger building 25059	
25059	7/18/2012	BAF-EL-120709-023A	A receptacle in building 25059, Hangar, C Company Medical room 6-101, along the east wall has reversed polarity	
25170	7/18/2012	BAF-EL-120709-024	There are improperly located, unprotected batteries connected to a battery charger near the main back-up generator in the Craig Joint Theater Hospital, building 25170	
25170	7/18/2012	BAF-EL-120709-025A	There are disconnected ground conductors in the emergency generator room and the switch room in building 25170, the Craig Joint Theater Hospital	
25059	7/18/2012	BAF-EL-120709-026	Numerous flexible cords have no grounding contacts in building 25059 Aircraft Hangar.	
25059	7/18/2012	BAF-EL-120709-027	Flexible cords are being used as substitutes for fixed wiring in Aircraft Hanger building 25059	
25059	7/19/2012	BAF-EL-120709-028	Non-metallic wiring is surface mounted without protection or proper support throughout the Aircraft Hangar, building 25059	
25059	7/19/2012	BAF-EL-120709-029	A metal junction box has missing ground wire in Aircraft Hangar building 25059	deleted
25170	7/19/2012	BAF-EL-120709-030A	The entire standby power system is non-operational in building 25170, the Craig Joint Theater Hospital	
25048	7/19/2012	BAF-EL-120709-031A	There are numerous electrical code violations associated with the power strip used for some outdoor fence lighting in the west yard of building 25048	
25059	7/19/2012	BAF-EL-120709-032	Circuit breaker panel 16-18-A-4 has unused openings, no "dead front" cover, and inadequate working clearance in the Aircraft Hangar building 25059, gym area	

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
25059	7/19/2012	BAF-EL-120709-033	A metal pull box has a missing cover in Aircraft Hangar building 25059	
25059	7/19/2012	BAF-EL-120709-034	A metal receptacle box not securely mounted in Aircraft Hangar building 25059, Gym area	
25059	7/19/2012	BAF-EL-120709-035	Circuit breakers are not properly identified on a sub panel in Aircraft Hangar building 25059	
Disney St	7/19/2012	BAF-EL-120709-036	There are low hanging overhead power conductors strung along Disney St. A Mine Resistant Ambush Protected Vehicle was found with one of it's antennas in contact with one of the conductors	
25059	7/19/2012	BAF-EL-120709-037	There are metal raceway sections that are not electrically continuous (solidly bonded) in the Aircraft Hangar, building 25059	
25059	7/19/2012	BAF-EL-120709-038	There are wires in contact with sharp metal edges of raceways and enclosures in the Aircraft Hangar, building 25059	
25059	7/19/2012	BAF-EL-120709-039	A wire was found making a poor connection in sub-panel 16-18-A-1-A in Aircraft Hangar, building 25059	
25059	7/19/2012	BAF-EL-120709-040A	An electrical metallic tubing installation was noted in the Aircraft Hangar, building 25059, with no chaffing bushing installed to protect the wiring from sharp edges	
25059	7/20/2012	BAF-EL-120709-041A	The hangar's high bay lighting Electrical Metallic Tubing (EMT) has an electrical frequency vibration and is warm/hot to the touch in Aircraft Hangar, building 25059	
25059	7/20/2012	BAF-EL-120709-042	The aluminum metal blank material used to cover a hole on sub-panel 16-18-A-1-A is too thin in the Aircraft Hangar, building 25059	
25054	7/20/2012	BAF-EL-120709-043	There is no main bonding jumper in the main service equipment panel 16-4-B-1 outside building 25054, a male latrine	
25048	7/20/2012	BAF-EL-120709-044	An unapproved application of underground feeder cable, and an unsecured receptacle box were found upstairs in building 25048, a medical clinic	
25170	7/20/2012	BAF-EL-120709-045	There are improperly color coded grounding conductors in the Life Safety Board (LDB[sic]) panel enclosure in the Craig Joint Theater Hospital, building 25170	
25170	7/20/2012	BAF-EL-120709-046	A junction box has an unsecured cover in the Craig Joint Theater Hospital, building 25170	Deleted - Duplicated in 50

## Bagram Finding Log Continued

*Electrical 19 August 2012*

Building	Submittal Date	Finding Number	Abstract	
25170	7/20/2012	BAF-EL-120709-047	There is inadequate working clearance in front of two air- conditioner disconnects located outside the Craig Joint Theater Hospital, building 25170	
25059	7/20/2012	BAF-EL-120709-048	A flexible cord is being run through a doorway and exposed to physical damage in Aircraft Hangar, building 25059	
25059	7/20/2012	BAF-EL-120709-049	There is inadequate working clearance in front of several electrical panels in the Aircraft Hangar, building 25059	
25170	7/21/2012	BAF-EL-120709-050	Junction box and receptacle box covers are missing or unsecured in the Craig Joint Theater Hospital, building 25170	
25170	7/21/2012	BAF-EL-120709-051	There are unprotected conductors and an unused opening in a pump motor control box in the Craig Joint Theater Hospital, building 25170 Craig Joint Theater Hospital	
25170	7/21/2012	BAF-EL-120709-052	A standard junction box is installed in a damp location outside the mechanical room, at the Craig Joint Theater Hospital, building 25170	
25170	7/21/2012	BAF-EL-120709-053	There are numerous flexible cords and cables that have the outer sheath pulled out of equipment boxes in the Craig Joint Theater Hospital, building 25170	
25059	7/21/2012	BAF-EL-120709-054	The load connected to the branch circuit in the Aircraft Hangar, building 25059, exceeds the branch circuit capacity	
25170	7/21/2012	BAF-EL-120709-055	A liquidtight flexible metal conduit is strapped by non- listed means in the Craig Joint Theater Hospital, building 25170	
25180	7/21/2012	BAF-EL-120709-056	There is a defective Ground-Fault Current Interrupter (GFCI) receptacle in building 25180, the Letterman Barracks	
25118A	7/23/2012	BAF-EL-120709-057	A junction box is unsecured in a male latrine, building 25118A	
25180	7/23/2012	BAF-EL-120709-058	There are several loose grounding strap bolts in building 25180, the Letterman Barracks	
25180	7/23/2012	BAF-EL-120709-059	A flexible cord was found attached to the floor in place of fixed wiring in the Letterman Barracks, building 25180	
25180	7/23/2012	BAF-EL-120709-060	There is a broken handle for the main disconnect box outside the Letterman Barracks, building 25180	
15817	7/23/2012	BAF-EL-120709-061	There are unlisted floor mounted receptacle outlet boxes and listed receptacle outlet boxes missing covers in the Enduring Faith Chapel, building 15817	

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
15817	7/23/2012	BAF-EL-120709-062	Three receptacle boxes and receptacle mounting attachments were found loose at the Enduring Faith Chapel, building 15817	
15817	7/23/2012	BAF-EL-120709-063	A main power panel was found severely damaged at the Enduring Faith Chapel, building 15817	
15817	7/23/2012	BAF-EL-120709-064	Several unused openings were found in distribution panel 15-33.6-A-2 and other electrical boxes at Enduring Faith Chapel, building 15817	
15817	7/23/2012	BAF-EL-120709-065	Wiring for an air-conditioning unit's disconnect is not protected from water damage outside Enduring Faith Chapel, building 15817	
15916	7/23/2012	BAF-EL-120709-066	A flexible cord was found attached to the baseboard with a drywall screw in the Chapel Annex, building 15916	
15916	7/23/2012	BAF-EL-120709-067	Nonmetallic-sheathed cable (NM) was noted in the Chapel Annex, building 15916, in a surface mounted application which is not approved	
15916	7/23/2012	BAF-EL-120709-068	There is inadequate protection for Nonmetallic-sheathed cable and wiring at a light switch box in the Blessed Sacrament Chapel in building 15916	
15817	7/23/2012	BAF-EL-120709-069	Energized wires were left exposed outside the Enduring Faith Chapel, building 15817	
15920	7/23/2012	BAF-EL-120709-070	A receptacle junction box is not securely fastened in place at Moral, Welfare & Recreation (MWR), building 15920	
15920	7/23/2012	BAF-EL-120709-071	A Flexible cord is being used as a substitute for fixed wiring at Moral, Welfare & Recreation (MWR), building 15920	
15813	7/23/2012	BAF-EL-120709-072	The grounding electrode conductor for the Safety Office, building 15813, is not protected from physical damage	
16534B	7/23/2012	BAF-EL-120709-073	An underground feeder (UF) rated cable is used in an unapproved application outside the Century Post, building 16534B, in Camp McCool	
16534B	7/23/2012	BAF-EL-120709-074	A Service Panel powered directly from a transformer has no disconnecting means or overcurrent protection outside a Sentry Post, building 16534B at Camp McCool	
16530	7/23/2012	BAF-EL-120709-075	An energized exhaust fan's flexible cord is damaged exposing wire conductors in a male shower, building 16530 in Camp McCool	



## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
16533B	7/23/2012	BAF-EL-120709-076	There is Nonmetallic (NM) sheathed cable used in an unapproved surface mounted application in the Medical Clinic Bunker 6, building 16533B in Camp McCool	
26002B, 26002C, and 26002D	7/23/2012	BAF-EL-120709-077	There are no readily accessible power disconnection means for Chigo air-conditioning units located at "B Hut" buildings 26002B, 26002C, and 26002D in Camp McCool	
26002B	7/23/2012	BAF-EL-120709-078	There are unprotected energized air-conditioner wires at B Hut 26002B in Camp McCool	
15920	7/24/2012	BAF-EL-120709-079	There is an unapproved wire splice in an air-conditioner cable at Moral, Welfare & Recreation (MWR), building 15920	
15849	7/25/2012	BAF-EL-120709-080	There is Nonmetallic (NM) sheathed cable used in an unapproved surface mount application at Camp Alpha laundry room/recreation room, building 15849	Camp Alpha
15849	7/25/2012	BAF-EL-120709-081	There is inadequate working clearance in front of two distribution panels at the Camp Alpha laundry room, building 15849	Camp Alpha
15849	7/25/2012	BAF-EL-120709-082	There is an unused opening in a junction box directly west of distribution panel 15-16.02-B-3 at the Camp Alpha laundry room, building 15849	Camp Alpha
15849	7/25/2012	BAF-EL-120709-083	There is a mounting screw missing from a receptacle causing a loose faceplate at the Camp Alpha recreation room, building 15849, upstairs near the stairwell doorway	Camp Alpha
15851	7/25/2012	BAF-EL-120709-084	There is 4" PVC electrical conduit that is not glued and is separating at the joints outside the Rooster Barracks, building 15851	Camp Alpha
15837A	7/24/2012	BAF-EL-120709-085	There is Nonmetallic (NM) sheathed cable used in an unapproved application in a "B-Hut", building 15837A in Camp Alpha	Camp Alpha
15837A	7/24/2012	BAF-EL-120709-086	An unsafe junction box was found in a "B-Hut" building 15837A, in Camp Alpha	Camp Alpha
15856A	7/25/2012	BAF-EL-120709-087	Two flexible cords were found missing the ground prongs on their plugs in the motor pool repair facility, building 15856A, and outside building 15783 in Camp Alpha	Camp Alpha
15783	7/25/2012	BAF-EL-120709-088	One portable lampholder was found damaged and another was of the incorrect type at the motor pool repair facility building 15783, Camp Alpha	Camp Alpha

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
15783	7/25/2012	BAF-EL-120709-089	A heavy duty 60 amp extension cord has its outer sheath pulled out of the junction box's cable clamp and no cable support at the motor pool repair facility, building 15783, Camp Alpha	Camp Alpha
15783	7/25/2012	BAF-EL-120709-090	A receptacle outlet box is not securely fastened to the wall at motor pool repair facility, building 15783, in Camp Alpha	Camp Alpha
15783	7/25/2012	BAF-EL-120709-091	There is a damaged light fixture with exposed wires in the downstairs stairwell at the motor pool repair facility building 15783, Camp Alpha	Camp Alpha
45127	7/25/2012	BAF-EL-120709-092A	Damaged flexible cords and cables were found at buildings 45127 and 45131	AFSB Phase V
45131	7/25/2012	BAF-EL-120709-093A	An unsafe junction box was found at building 45131	AFSB Phase V
45131	7/25/2012	BAF-EL-120709-094A	There is a unsafe light switch with a missing damp/wet location cover found at building 45131	AFSB Phase V
25209	7/25/2012	BAF-EL-120709-095	A distribution panel at the PAX terminal, building 25209, was found with a missing dead front panel exposing energized parts to any personnel accessing circuit breakers	
25209	7/25/2012	BAF-EL-120709-096	A desktop mounted power converter/transformer is defective in the CDDOC room in the PAX terminal, building 25209	
25209	7/25/2012	BAF-EL-120709-097	There is inadequate working space in front of electrical panels and a disconnect box in room 62 of the PAX terminal, building 25209	
45339	7/26/2012	BAF-EL-120709-098	The on-demand electric water heater receptacle in the restroom of the Vehicle Storage Warehouse, building 45339, is not Ground-Fault Circuit Interrupter (GFCI) protected	deleted
25032	7/26/2012	BAF-EL-120709-099	There is no illumination in the mechanical room at the Distinguished Visitor's (DV) billeting quarters, building 25032	
66482	7/25/2012	BAF-EL-120709-100	A series of flexible cords were found connected together and routed over a sharp metal brace in the Tarheel Conference Room of building 66482 in the Detention Facility in Parwan (DFIP)	DFIP
66482	7/25/2012	BAF-EL-120709-101A	A receptacle and faceplate were found unsecured and separating from the outlet box in the server room in the Battalion Headquarters, building 66482, in the Detention Facility in Parwan (DFIP)	DFIP
66482	7/25/2012	BAF-EL-120709-102	An unused opening was found in panel BCP-SERVER-2 in the Battalion Headquarters, building 66482 in the Detention Facility in Parwan (DFIP)	DFIP

## Bagram Finding Log Continued

*Electrical 19 August 2012*

Building	Submittal Date	Finding Number	Abstract	
66482	7/26/2012	BAF-EL-120709-103	There is a conduit entering through the door opening of a panel in the Battalion Headquarters, building 66482, in the Detention Facility in Parwan (DFIP)	DFIP
66482	7/26/2012	BAF-EL-120709-104	There are unsupported cables at the Main Distribution Panel-4 of the KIOSK4 Power Distribution Center, beside building 66482 in the Detention Facility in Parwan (DFIP)	DFIP
66482	7/26/2012	BAF-EL-120709-105	There are unprotected cables running out of a conduit body opening into the back of a panel outside the server room in the Battalion Head Quarters, building 66482 in the Detention Facility in Parwan (DFIP)	DFIP
66477	7/26/2012	BAF-EL-120709-106	A conduit pull box is missing a cover in the Repair and Utility Facility, building 66477 in the Detention Facility in Parwan (DFIP)	DFIP
66477	7/26/2012	BAF-EL-120709-107	There is a damaged dead front cover in a panel enclosure, in the Repair and Utility Facility, building 66477 in the Detention Facility in Parwan (DFIP)	DFIP
Lift Station 1	7/26/2012	BAF-EL-120709-108	There is no overload protection for a new grinder pump motor in the sewage Lift Station 1, at the Detention Facility In Parwan (DFIP)	DFIP
66482	8/10/2012	BAF-EL-120709-109A	Panel BCP-L&P-MP8 is missing a dead front cover leaving energized electrical parts exposed in building 66482 in the Detention Facility in Parwan (DFIP)	DFIP
Lift Station 1	7/27/2012	BAF-EL-120709-110	The new grinder pump motors in the sewage Lift Station 1 have no disconnecting means, at the Detention Facility In Parwan (DFIP)	DFIP
Lift Station 1	7/27/2012	BAF-EL-120709-111	A junction box was found open with conductors exposed to physical damage near Lift Station 2 at the Detention Facility In Parwan (DFIP)	DFIP
Lift Station 1	7/27/2012	BAF-EL-120709-112	There is improperly supported and unsecured conduit at Lift Station 2 of the Detention Facility in Parwan (DFIP)	DFIP
66691	7/27/2012	BAF-EL-120709-113	An unapproved junction box cover was found in building 66691, at the Detention Facility in Parwan (DFIP)	DFIP
66691	7/27/2012	BAF-EL-120709-114	There is an unprotected ground cable running through a hole in the Medical Housing Unit, building 66691 in the Detention Facility in Parwan (DFIP)	DFIP
66691	7/27/2012	BAF-EL-120709-115	A water heater with inaccessible power wiring was found in the Medical Housing Unit, building 66691 in the Detention Facility in Parwan (DFIP)	DFIP

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
66691	7/27/2012	BAF-EL-120709-116A	A grounding conductor was found not connected to the grounding electrode at the container building outside the Medical Housing Unit, building 66691, in the Detention Facility in Parwan (DFIP)	DFIP
67403	7/27/2012	BAF-EL-120709-117	There are unused openings in disconnect boxes in the Vocational Training Center, building 67403 in the Detention Facility In Parwan (DFIP)	DFIP
DFIP	7/27/2012	BAF-EL-120709-118B	Not all of the corrective actions in response to a DoD IG audit Report No. DODIG-2012-089 of May 17, 2012 of the Detention Facility In Parwan (DFIP) have been completed	DFIP deleted
66691	7/27/2012	BAF-EL-120709-119	A gutter cover is not securely fastened to the gutter in the Medical Housing Unit, building 66691, in the Detention Facility in Parwan (DFIP)	DFIP
66594	7/27/2012	BAF-EL-120709-120	The receptacle in the electrical room of building 66594 has reversed polarity	DFIP
66175	7/27/2012	BAF-EL-120709-121	There is an improper connection of conduit in the fire pump room in building 66175 of the Detention Facility in Parwan (DFIP)	DFIP
66179	7/27/2012	BAF-EL-120709-122	There is an unsecured junction box cover and a receptacle box cover in the Water Treatment Building in the Detention Facility In Parwan (DFIP)	DFIP
DFIP	7/27/2012	BAF-EL-120709-123A	There are numerous instances of improper color coding and marking at the Detention Facility In Parwan (DFIP)	DFIP
66477	8/1/2012	BAF-EL-120709-124B	The main panel after the transformer is not grounded to earth in the Repair and Utility Facility, building 66477 in the Detention Facility In Parwan (DFIP)	DFIP
66175	7/28/2012	BAF-EL-120709-125	There is no automatic battery charging means for the batteries that start the engine that drives the main fire suppression system water pump in the fire pump house, building 66175, in the Detention Facility In Parwan (DFIP)	DFIP
45329	7/24/2012	BAF-EL-120709-126	Energized parts are not guarded against accidental contact in a panel by an air-conditioning unit, outside vehicle storage warehouse, building 45329	
26107B	7/24/2012	BAF-EL-120709-127	The main service disconnect panel is located in the female latrine of building 26107B	
25209	7/24/2012	BAF-EL-120709-128	There is a section of electrical metallic tubing (EMT) that is not properly fastened at the PAX terminal, building 25209	
25209	7/24/2012	BAF-EL-120709-129	There is a receptacle faceplate missing at PAX terminal, building 25209	

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
25209	7/24/2012	BAF-EL-120709-130	A flexible cord was not properly attached to the cord's plug at the PAX terminal, building 25209	
25032	7/26/2012	BAF-EL-120709-131	There is an unused opening in a junction box at Distinguished Visitor's (DV) billeting quarters, building 25032	
25209	7/25/2012	BAF-EL-120709-132	A small refrigerator was found with an improper splice in the flexible cord in the palletization room of the PAX terminal, building 25209	
15804 and 15805	7/28/2012	BAF-EL-120709-133	Power strips were found run in series in buildings 15804 and 15805	
15804 and 15805	7/28/2012	BAF-EL-120709-134	There are no readily accessible power disconnecting means for Chigo air-conditioning units located at buildings 15804 and 15805	
15805	7/28/2012	BAF-EL-120709-135	There are exposed and abandoned energized wires outside Motel 8, building 15805	
15805	7/28/2012	BAF-EL-120709-136	There are unused openings in the panel box inside Motel 8, building 15805	
15804	7/28/2012	BAF-EL-120709-137	A flexible cord was found routed through a doorway in Motel 6, building 15804	
15804	7/28/2012	BAF-EL-120709-138	There is inadequate working clearance in front of two power panels in Motel 6, building 15804	
15804	7/28/2012	BAF-EL-120709-139	Electrical metallic tubing (EMT) conduit was found damaged in Motel 6, building 15804	
15804	7/28/2012	BAF-EL-120709-140	There is no lighting provided in a "storage closet" where electrical panels are located in Motel 6, building 15804	
15854	7/26/2012	BAF-EL-120709-141	Several floor mounted receptacle mounting boxes are missing the protective receptacle covers at Camp Alpha Gym, building 15854	Camp Alpha
15735	7/26/2012	BAF-EL-120709-142	Two plug ground prongs were found broken off inside wall receptacles in Camp Alpha, one in the Joint Operation Center (JOC), building 15735 and one in the Chapel Annex, building 15835A	Camp Alpha
15835B	7/26/2012	BAF-EL-120709-143	A flexible cord (power strip) is used as a substitute for fixed wiring at Camp Alpha Commons Memorial Chapel, building 15835B	Camp Alpha
15835B	7/26/2012	BAF-EL-120709-144	There are nonmetallic, plastic, "nail on" style receptacle outlet boxes used in an unapproved application in building 15835B at Camp Alpha	Camp Alpha
15843	7/27/2012	BAF-EL-120709-145	A receptacle outlet located within 6 feet of a sink is not GFCI protected at the Speer Clinic, building 15843, in Camp Alpha	Camp Alpha

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
15843	7/30/2012	BAF-EL-120709-146	There is a Nonmetallic (NM) sheathed cable used in an unapproved application at the Speer Clinic, building 15843, Camp Alpha	Camp Alpha
15843	7/30/2012	BAF-EL-120709-147	There are no readily accessible means of disconnect for air-conditioners outside of the Speer Clinic, building 15843, in Camp Alpha	Camp Alpha
15915	7/27/2012	BAF-EL-120709-148A	There is an open ground circuit and reversed polarity condition at all wall receptacles tested in building 15915, Military Police Station/Bagram Provost Marshal Office	
15915	7/27/2012	BAF-EL-120709-149	There is an unlocked knife switch power panel at Military Police Station/Bagram Provost Marshal Office, building 15915	
32470B	7/29/2012	BAF-EL-120709-150	There is no main bonding jumper in the first disconnecting means in the service panel in the Power Station Control Building, 32470B	
15915	7/29/2012	BAF-EL-120709-151	There is an exposed underground service entrance cable that is not protected from damage entering the Military Police Station/Bagram Provost Marshal Office, building 15915	
24094	7/29/2012	BAF-EL-120709-152	The grounding contacts are missing from some shredder power cord plugs in the Garrison Command Building, 24094	
32470B	7/29/2012	BAF-EL-120709-153	The panel doors of the "Balance of Plant Panel (SCADA) 00-BOP-PANEL" are not adequately bonded to the enclosure in the Power Station Control Building, 32470B	
24094	7/29/2012	BAF-EL-120709-154	There were several examples of power strips and extension cords found run in series in rooms 112, 114, 213, and the Main Conference Room in the Garrison Command Building, building 24094	
24094	7/29/2012	BAF-EL-120709-155	There are no readily accessible power disconnection means for Chigo type air-conditioning units located at the Garrison Command Building 24094	
14993	7/29/2012	BAF-EL-120709-156	There is inadequate working clearance in front of electrical panel 15-4-B-3 in the Dragon Arena/ Basketball Court Tent, building 14993	
24094	7/30/2012	BAF-EL-120709-157	There are electrical receptacles filled with paint at the Garrison Command, building 24094	
14993	7/30/2012	BAF-EL-120709-158	There is an unused opening in an outlet box in the Dragon Arena/ Basketball Court Tent, building 14993.	
14993	7/30/2012	BAF-EL-120709-159	There is a floor use type receptacle outlet box missing its cover in the Dragon Arena/Basketball Court Tent, building 14993	



## Bagram Finding Log Continued

*Electrical 19 August 2012*

Building	Submittal Date	Finding Number	Abstract	
14993	7/30/2012	BAF-EL-120709-160	There is a loose receptacle box in the Dragon Arena Basketball Court Tent, building 14993	
14993	7/30/2012	BAF-EL-120709-161	There is an open ground circuit in an extension cord tested in the Dragon Arena Basketball Court Tent, building 14993	
15920	7/30/2012	BAF-EL-120709-162	There is a distribution panel missing the circuit directory at Moral, Welfare & Recreation (MWR) building 15920	
25209	7/30/2012	BAF-EL-120709-163	A defective Ground-Fault Circuit Interrupter (GFCI) was observed on the outside wall of PAX terminal, building 25209	
15804	7/27/2012	BAF-EL-120709-164	There are several lampholders with broken and missing parts mounted on the exterior walls of Motel 6, building 15804	
15804	7/27/2012	BAF-EL-120709-165	There are numerous flexible cords being used as a substitution for fixed wiring in "Motel 6", building 15804	
24094	7/30/2012	BAF-EL-120709-166	There is a metal pull box not grounded/bonded in the Female latrine room 106 at the Garrison Command Building, 24094	
24094	7/30/2012	BAF-EL-120709-167	There is a junction box with exposed energized wiring near the attic access ladder in the Garrison Command Building 24094	
14993	7/30/2012	BAF-EL-120709-168	A flexible cord was found missing the ground prong on the plug in the Dragon Arena/Basketball Court Tent, building 14993	
14843A	7/31/2012	BAF-EL-120709-169	There are numerous instances of Nonmetallic (NM) sheathed cable used in unapproved applications throughout the Main Post Exchange, building 14843A	
25108	7/31/2012	BAF-EL-120709-170	Standard interior receptacles are installed on the outside of building 25108, where weatherproof boxes and Ground-Fault Circuit Interrupter (GFCI) protected receptacles are required	
25108	7/31/2012	BAF-EL-120709-171	There are numerous instances of Nonmetallic (NM) sheathed cable used in unapproved applications throughout the "The Attic", building 25108	
14843A	7/31/2012	BAF-EL-120709-172	There are unused openings in junction boxes and panelboards at the Main Post Exchange, Building 14843A	
14843A	7/31/2012	BAF-EL-120709-173	There is inadequate working clearance in front of several panels at the Main Post Exchange, building 14843A	

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
14843A	7/31/2012	BAF-EL-120709-174	There are several examples of power strips and extension cords found run in series at the Main Post Exchange, building 14843A	
14843A	7/31/2012	BAF-EL-120709-175A	A power strip receptacle was found with an open ground circuit and reversed polarity condition in the "cashier's cage" of the Main Post Exchange, building 14843A	
14843A	7/31/2012	BAF-EL-120709-176	A dry location junction box was found being used in a damp/wet location outside of the Main Post Exchange, building 14843A	
14843A	7/31/2012	BAF-EL-120709-177	There are no readily accessible power disconnecting means for the refrigeration coolers in the Main Post Exchange, building 14843A	
Power Plant	7/31/2012	BAF-EL-120709-178	There is an open wire-way near the center of the dike of the fuel storage tank area outside the power plant	
14843A	7/31/2012	BAF-EL-120709-179	A flexible cord is used in an unapproved manner being routed through a hole in the wall in the Main Post Exchange, building 14843A	
14843A	7/31/2012	BAF-EL-120709-180	There is an ineffective ground rod connection outside the Main Post Exchange, building 14843A.	
Power Plant	7/31/2012	BAF-EL-120709-181	There is a damaged conduit with insulated conductors exposed within the fuel tank storage dike area at the Power Plant	
25108	7/31/2012	BAF-EL-120709-182	There is an unused opening in an outlet receptacle box in the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	
25108	7/31/2012	BAF-EL-120709-183	There are numerous missing light bulbs on a light string on the outside of the building at the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	
25108	7/31/2012	BAF-EL-120709-184	A flexible cord has the outer sheath pulled out of the rear of the plug at the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	
25108	7/31/2012	BAF-EL-120709-185	There is inadequate working clearance in front of a circuit panel at the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	
25108	7/31/2012	BAF-EL-120709-186A	An AR-5000 power convertor was found showing an open ground circuit and reversed polarity condition at the Air Force Morale Welfare and Recreation (MWR) Center, building 25108	
27328	8/1/2012	BAF-EL-120709-187	There is inadequate working clearance in front of the disconnect box for the jockey pump in the AC-130 Hangar Fire Pump House, building 27328	

## Bagram Finding Log Continued

*Electrical 19 August 2012*

Building	Submittal Date	Finding Number	Abstract	
27328	8/1/2012	BAF-EL-120709-188	There are improperly color coded insulated grounding conductors in the AC-130 Hangar Pump House, building 27328	
27331	8/1/2012	BAF-EL-120709-189	There are inaccessible junction boxes in a hallway and office room area in the AC-130 Hangar, building 27331	
27337	8/1/2012	BAF-EL-120709-190	There is inadequate working clearance in front of several panels in the Sheet Metal Shop, building 27337	
27328	8/2/2012	BAF-EL-120709-191	There is no automatic charging means for the fire pump batteries in the AC-130 Hangar Fire Pump House, building 27328	
27328	8/2/2012	BAF-EL-120709-192	The jockey pump disconnect is not properly grounded in the Fire Pump House for the AC-130 Hangar, building 27328	
27331	8/2/2012	BAF-EL-120709-193	Multiple extension cords are plugged into each other ("daisy chained") and are of the wrong type at the AC-130 Aircraft Hangar, building 27331	
27337	8/2/2012	BAF-EL-120709-194	There are unsecured receptacles and a faceplate in the Sheet Metal Shop, building 27337	
27328	8/2/2012	BAF-EL-120709-195	There is a loose ground connection in the AC-130 Hangar Fire Pump House, building 27328	
27331	8/2/2012	BAF-EL-120709-196	There are live parts not being guarded from contact, by an approved enclosure, in the smoke shack outside of the AC-130 Hanger, building 27331	
27331	8/2/2012	BAF-EL-120709-197	Two flexible cords were found to be missing the grounding contact pin (ground prong) in the AC-130 Aircraft Hangar, Building 27331	
27331	8/2/2012	BAF-EL-120709-198	A flexible cord (extension cord) has the outer sheath pulled out of the plug exposing the conductor wires to damage at the AC-130 Aircraft Hangar, building 27331	
27337	8/2/2012	BAF-EL-120709-199	There is a flexible cord with a broken ground prong found in the Sheet Metal Shop, building 27337	
25021	8/2/2012	BAF-EL-120709-200	There is inadequate working clearance in front of the electrical panel in the transient lodging tent, building 25021	
25021	8/2/2012	BAF-EL-120709-201	There is an unsupported switch box hanging by conductors in Hotel California, building 25021	
27331	8/3/2012	BAF-EL-120709-202	There are two Liquidtight Flexible Metal Conduit (LFMC) fittings not properly connected at the AC-130 aircraft hangar, Building 27331	
27331	8/3/2012	BAF-EL-120709-203	There is a service disconnect located inside of a bathroom in the shower stall at the AC-130 Aircraft Hangar, building 27331	

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
27331	8/3/2012	BAF-EL-120709-204	There are two light fixtures in the men's latrine that are no longer suitable for use in a "damp/wet" location in the AC-130 Aircraft Hangar, building 27331	
25021	8/3/2012	BAF-EL-120709-205	There was a multiple outlet device connected to an extension cord (daisy chained) in the transient housing tent, building 25021	
25018	8/3/2012	BAF-EL-120709-206	A flexible cord was found used in place of fixed wiring in the hallway in Camp Cunningham Housing, building 25018	
25012	8/3/2012	BAF-EL-120709-207	There is an unsecured conduit pull box cover connection to a generator outside of Camp Cunningham Housing, building 25012	
25012	8/3/2012	BAF-EL-120709-208	There are several missing or broken receptacle faceplates in Camp Cunningham Housing, building 25012	
25012	8/3/2012	BAF-EL-120709-209	There are several light fixtures missing covers in Camp Cunningham Housing, building 25012	
25012	8/3/2012	BAF-EL-120709-210	A junction box was found with a missing cover in Camp Cunningham Housing, building 25012	
25003	8/3/2012	BAF-EL-120709-211	There is inadequate working clearance in front of electrical panels in Camp Cunningham Housing, building 25003	
25003	8/3/2012	BAF-EL-120709-212	There are several light fixtures missing covers in Camp Cunningham Housing, building 25003	
25018	8/3/2012	BAF-EL-120709-213	The grounding and grounded conductors are improperly color coded in Camp Cunningham Housing, building 25018	
25003	8/4/2012	BAF-EL-120709-214	There is a defective Ground-Fault Circuit Interrupter (GFCI) receptacle in a latrine in Camp Cunningham Housing, building 25003	
25003	8/4/2012	BAF-EL-120709-215	Electrical Nonmetallic Tubing (ENT) is not continuous and therefore not providing the proper conductor protection in building 25003	
25003	8/4/2012	BAF-EL-120709-216	There are no means of disconnect within sight from water heaters at Camp Cunningham Housing, building 25003	
25003	8/4/2012	BAF-EL-120709-217	A weatherproof receptacle has its cover broken off at Camp Cunningham Housing, building 25003	
25003	8/4/2012	BAF-EL-120709-218	There are no readily accessible power disconnecting means for Chigo air-conditioning units located at Camp Cunningham Housing, building 25003	
25112	8/4/2012	BAF-EL-120709-219	There are unused openings in a light switch box and junction box at the Old Russian Tower, building 25112	

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
25003	8/4/2012	BAF-EL-120709-220	The insulated conductors hanging in the showers in building 25003 are not listed for wet/damp locations and are not properly terminated to the junction box	
24299	8/4/2012	BAF-EL-120709-221	Several outlet devices (power strips) and extension cords were found connected in series at the USO, Building 24299	
25023A	8/4/2012	BAF-EL-120709-222	There is an unused opening in a junction box in a male latrine, building 25023A	
25023A	8/4/2012	BAF-EL-120709-223	A Ground-Fault Circuit Interrupter (GFCI) receptacle outlet box was found with a broken cover at a male latrine in Camp Cunningham, building 25023A	
25117A	8/4/2012	BAF-EL-120709-224	There are floor use receptacle outlet boxes missing the covers in the Pebble Fitness Center, building 25117A	
25117A	8/4/2012	BAF-EL-120709-225	A grounding prong was found broken off inside a floor receptacle in the Pebble Fitness Center, building 25117A	
25117A	8/4/2012	BAF-EL-120709-226	There is inadequate working clearance in front of the electrical panel in the Pebble Fitness Center, building 25117A	
25117A	8/4/2012	BAF-EL-120709-227	Non-metallic wiring is surface mounted without proper protection or support in the Pebble Fitness Center, building 25117A	
25218	8/4/2012	BAF-EL-120709-228	A grounding prong was found broken off inside a floor receptacle in the Learning Resource Center, building 25218	
25218	8/4/2012	BAF-EL-120709-229	There are two outlet boxes missing covers in the Learning Resource Center, building 25218	
25107	8/4/2012	BAF-EL-120709-230	There are numerous flexible cords missing the grounding contacts at The Rock Fitness Center, building 25107	
25218	8/4/2012	BAF-EL-120709-231	There is unsupported nonmetallic (NM) cable throughout building 25218	
25107	8/5/2012	BAF-EL-120709-232	Electrical Metallic Tubing (EMT) is missing locking/bonding nuts at The Rock Fitness Center, Building 25107	
25023B and 25124A	8/5/2012	BAF-EL-120709-233	There are no readily accessible power disconnecting means for the Chigo air-conditioning units in the B-Huts in Camp Cunningham, buildings 25023B and 25124A	
25023B, 25023D and 25124A	8/5/2012	BAF-EL-120709-234	There is surface mounted non-metallic (NM) cable without proper protection or support units inside and underneath the B-Huts in Camp Cunningham, buildings 25023B, 25023D and 25124A	

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
35587	8/5/2012	BAF-EL-120709-235	There are no automatic charging means for the batteries that start the two pump engines in the fire pump room, building 35587 for the Air Traffic Control Tower	
25107	8/5/2012	BAF-EL-120709-236	A flexible cord was found being used as a substitute for fixed wiring at The Rock Fitness Center, building 25107.	
25107	8/5/2012	BAF-EL-120709-237	Unused openings were found on three junction boxes at The Rock Fitness Center, building 25107	
25107	8/5/2012	BAF-EL-120709-238A	There is a defective Atlas SVC 5000 power convertor/regulator powering the refrigerator in The Rock Fitness Center, building 25107	
35586B	8/5/2012	BAF-EL-120709-239	There is inadequate working clearance in front of several panels in the Air Traffic Control Tower, building 35586B	
35991	8/5/2012	BAF-EL-120709-240	There is no main bonding jumper connected in the main service disconnect for the building, located outside the Approach Control, building 35991	
35586B	8/5/2012	BAF-EL-120709-241	There are service disconnects located in two bathroom areas in the Air Traffic Control Tower, building 35586B	
35586B	8/5/2012	BAF-EL-120709-242	A Ground-Fault Circuit Interrupter (GFCI) receptacle is not properly secured at the Air Traffic Control Tower, building 35586B	
35586B	8/5/2012	BAF-EL-120709-243	A section of Electrical Metallic Tubing (EMT) is not properly attached to a junction box at the Air Traffic Control Tower, Building 35586B	
35586B	8/5/2012	BAF-EL-120709-244	There is a broken light fixture being supported by the insulated conductors observed outside the Air Traffic Control Tower, building 35586B.	
25209	8/6/2012	BAF-EL-120709-245	There is an improper splice in a Tripp-Lite Uninterrupted Power Supply (UPS) power cord found in the PAX terminal, building 25209	
35586B	8/6/2012	BAF-EL-120709-246	There are multiple enclosures without equipment identification labeling in the electrical room of the Air Traffic Control Tower, building 35586B	
25058	8/6/2012	BAF-EL-120709-247	A desktop fan was found hanging from it's flexible cord at the "Snack Shack", building 25058	
35762	8/6/2012	BAF-EL-120709-248	Receptacles installed inside and outside of building 35762 where Ground-Fault Circuit Interrupter (GFCI) protected receptacles are required, were tested and found to not be GFCI protected	
35768	8/6/2012	BAF-EL-120709-249	There is an unused opening in a panelboard at the Housing Office, building 35768.	



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Building	Submittal Date	Finding Number	Abstract	
35768	8/6/2012	BAF-EL-120709-250	There is a refrigerator with a missing grounding prong in the Housing Office, building 35768	
27331	8/6/2012	BAF-EL-120709-251	There is no dedicated equipment space in front of the motor control center at the AC-130 Aircraft Hangar, building 27331	
35770	8/6/2012	BAF-EL-120709-252A	Three power transformers were found to be defective at the AMC Laundry Facility, building 35770	
35770	8/6/2012	BAF-EL-120709-253	There is inadequate working clearance in front of the electrical panel in the AMC Laundry Facility, building 35770	
35770	8/6/2012	BAF-EL-120709-254	There is unsecured and unsupported conduit outside the AMC Laundry Facility, building 35770	
35770	8/6/2012	BAF-EL-120709-255	There is a junction box on an outside wall not grounded, and not rated for outdoor use at the AMC Laundry Facility, building 35770	
35770	8/6/2012	BAF-EL-120709-256	There is a flexible cord that has the outer sheath pulled out of plug at the AMC Laundry Facility	
35762	8/8/2012	BAF-EL-120709-257	A receptacle faceplate is broken and wires entering the box are not protected from damage at Sabre Recreation Building 35762	
16844	8/8/2012	BAF-EL-120709-258	During inspection of building 16844, Water Treatment Plant #2, it was observed that a branch circuit was overloaded	
35771C	8/8/2012	BAF-EL-120709-259	There is no readily available disconnecting means for an air-conditioner in the Re-locatable Building (RLB) room 246, in building 35771C	
35762	8/8/2012	BAF-EL-120709-260A	A receptacle tested indicates an open ground circuit and reversed polarity condition at the Sabre Morale, Welfare and Recreation Center (MWR), building 35762	
24087B and 24087C	8/9/2012	BAF-EL-120709-261	There are no automatic charging means for the fire pump engine batteries in the two Fire Pump Rooms, buildings 24087B and 24087C	
24095	8/9/2012	BAF-EL-120709-262	A flexible cord is being used as a substitute for fixed wiring in the 1st floor conference room of the 455th Air Expeditionary Wing, building 24095	
24095	8/9/2012	BAF-EL-120709-263	Power strips were found run in series inside various offices at the 455th Air Expeditionary Wing, building 24095	
24095	8/9/2012	BAF-EL-120709-264	Two non-listed power converters were found wired with exposed energized conductors on the outside of the device in the 455th Air Expeditionary Wing (AEW), building 24095	

## Bagram Finding Log Continued

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Building	Submittal Date	Finding Number	Abstract	
24095	8/10/2012	BAF-EL-120709-265	Three branch circuits were found overloaded in the 455th Air Expeditionary Wing, building 24095	
24095	8/10/2012	BAF-EL-120709-266	There are improperly secured receptacles with attached faceplate at the 455th Air Expeditionary Wing, building 24095	
24095	8/10/2012	BAF-EL-120709-267	There is an unidentified disconnect in the mechanical room of the 455th Air Expeditionary Wing, building 24095	
24095	8/10/2012	BAF-EL-120709-268	There are two instances of improper conduit connections in the mechanical room of the 455th Air Expeditionary Wing, building 24095	
24095	8/10/2012	BAF-EL-120709-269	A pull box cover was found not properly secured in the mechanical room of building 24095	
24095	8/10/2012	BAF-EL-120709-270	Several broken or missing faceplates and missing receptacles exposing live wires were found in offices in building 24095	
24095	8/10/2012	BAF-EL-120709-271	An unsafe receptacle junction box was found in the 455th Air Expeditionary Wing, building 24095	
24095	8/10/2012	BAF-EL-120709-272	Two flexible cords were found with no plug grounding pin (prongs) in building 24095	
24095	8/10/2012	BAF-EL-120709-273A	Two unlisted European type power convertors/ transformers were found with open ground circuit and reversed polarity condition in building 24095	
24095	8/10/2012	BAF-EL-120709-274	A defective Ground-Fault Circuit Interrupter (GFCI) receptacle was found in the 2nd floor male latrine in building 24095	
24051	8/11/2012	BAF-EL-120709-275	A flexible cord is being used as a substitute for fixed wiring at the MWR 8 Ball movie theater, building 24051	
24051	8/11/2012	BAF-EL-120709-276	There are no readily accessible power disconnecting means for Chigo air-conditioning units located at MWR 8 Ball, building 24051	
24051	8/11/2012	BAF-EL-120709-277	Two flexible cords were found being improperly used in the MWR 8 Ball, building 24051.	
24049	8/12/2012	BAF-EL-120709-278	There is inadequate working clearance in front of electrical panels and disconnect boxes in the Koele Dining Facility (DFAC), building 24049	
24049	8/12/2012	BAF-EL-120709-279	There are energized wires exposed in two junction boxes in the Koele Dining Facility (DFAC), building 24049	
24049	8/12/2012	BAF-EL-120709-280	A receptacle was noted in building 24049 that was not securely fastened to its outlet box	

## Bagram Finding Log Continued

*Electrical 19 August 2012*

Building	Submittal Date	Finding Number	Abstract	
24049	8/12/2012	BAF-EL-120709-281	There were two instances found of unprotected surface mounted nonmetallic (NM) cable in the Koele Dining Facility (DFAC), building 24049	
24051	8/12/2012	BAF-EL-120709-282	A transformer was found unlocked and unattended outside of the 8 Ball MWR, building 24051	
24049	8/12/2012	BAF-EL-120709-283	A flexible power cord was found missing the ground contact on the plug in the Koele Dining Facility (DFAC), building 24049	
24051	8/12/2012	BAF-EL-120709-284	An open weatherproof rated electrical panel enclosure was discovered outside of the 8 Ball MWR, building 24051	
25132	8/12/2012	BAF-EL-120709-285	Two flexible cords were found missing their grounding contacts at the Dragon DFAC, Building 25132	
25132	8/12/2012	BAF-EL-120709-286	There are two missing covers on the wiring gutter in the mechanical/electrical room of the Dragon Dining Facility, building 25132	
25132	8/12/2012	BAF-EL-120709-287	Two receptacles are not securely mounted in the outlet boxes at the Dragon DFAC, building 25132	
25132	8/12/2012	BAF-EL-120709-288	Two damaged and improperly repaired flexible cords were found in the Dragon Dining Facility, building 25132	
25132	8/12/2012	BAF-EL-120709-289	There is an incomplete panel schedule in an electrical panel in the Dragon Dining Facility (DFAC), building 25132	
25132	8/12/2012	BAF-EL-120709-290	A conduit body is missing a cover exposing energized wires inside in building 25132	
25132	8/12/2012	BAF-EL-120709-291A	Four receptacles are wired incorrectly at the Dragon Dining Facility (DFAC), building 25132	
24049	8/13/2012	BAF-EL-120709-292	An octagon junction box was found with an incompatible square cover in the Koele Overflow Dining Facility, building 24049	
25132	8/13/2012	BAF-EL-120709-293	A receptacle was found contaminated with paint at the Dragon DFAC, building 25132	
25132	8/13/2012	BAF-EL-120709-294	A flexible cord powering a "swamp cooler" in building 25132 has the outer sheath pulled out of the plug	
25132	8/13/2012	BAF-EL-120709-295	A defective Ground Fault Circuit Interrupter (GFCI) receptacle was found at the Dragon Dining Facility (DFAC), building 25132	
25132	8/13/2012	BAF-EL-120709-296	A power strip and extension cord were found daisy chained at the Dragon Dining Facility (DFAC), building, 25132	

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
25132	8/13/2012	BAF-EL-120709-297	A wire with damaged insulation inside a disconnect box was found at Dragon DFAC, building 25132	
25132	8/13/2012	BAF-EL-120709-298	There is no visible means of disconnect for a booster water heater unit at the Dragon Dining Facility (DFAC), building 25132	
25132	8/13/2012	BAF-EL-120709-299	There were unsecured flexible cables suspended from service disconnects at the Dragon Dining Facility (DFAC), building 25132	
14977	8/14/2012	BAF-EL-120709-300	There were three instances of multiple outlet devices (power strips) and extension cords connected together in the Medical Facility, building 14977, in Camp Montrond	Camp Montrond
14977	8/14/2012	BAF-EL-120709-301	Several flexible cords were found used improperly and as a substitute for fixed wiring in the Camp Montrond Medical Facility, building 14977	Camp Montrond
14977	8/14/2012	BAF-EL-120709-302	Two defective European type power converters/transformers were found that are also not Underwriters Laboratory (UL) listed in the Camp Montrond Medical Facility, building 14977	Camp Montrond
14977	8/14/2012	BAF-EL-120709-303	There is an unused opening in a junction box in the Camp Montrond Medical Facility, building 14977	Camp Montrond
14977	8/14/2012	BAF-EL-120709-304	There is unsecured and unsupported Electrical Metallic Tubing (EMT) conduit in the Camp Montrond Medical Facility, building 14977	Camp Montrond
14985	8/14/2012	BAF-EL-120709-305	There is inadequate working clearance in front of distribution panels at Camp Montrond Dining Facility (DFAC), building 14985	Camp Montrond
14985	8/14/2012	BAF-EL-120709-306	There are four ceiling fans that have exposed wire exiting Electrical Metallic Tubing (EMT) conduit which is not protected from damage at Camp Montrond DFAC, building 14985	Camp Montrond
14985	8/14/2012	BAF-EL-120709-307	Numerous flexible cords are missing the grounding contacts at Camp Montrond Dining Facility (DFAC) building 14985	Camp Montrond
14977	8/14/2012	BAF-EL-120709-308	There are numerous instances of Nonmetallic (NM) sheathed cable used in unapproved applications throughout the Camp Montrond Medical Facility, building 14977	Camp Montrond
14882	8/14/2012	BAF-EL-120709-309	There are unused openings in two junction boxes in the upstairs shower/laundry room, building 14882	Camp Montrond
14782	8/14/2012	BAF-EL-120709-310	A receptacle was found recessed into the face plate of the outlet box in Camp Montrond office building 14782	Camp Montrond

## Bagram Finding Log Continued

*Electrical 19 August 2012*

Building	Submittal Date	Finding Number	Abstract	
14985	8/14/2012	BAF-EL-120709-311	There are several flexible cords and cables that have the outer sheath pulled out of plugs or boxes at the Camp Montrond DFAC, building 14985	Camp Montrond
14985	8/14/2012	BAF-EL-120709-312	There is Nonmetallic (NM) sheathed cable used in unapproved applications at the Camp Montrond DFAC, building 14985	Camp Montrond
14983	8/15/2012	BAF-EL-120709-313	There is inadequate working clearance in front of distribution panels in the Camp Montrond Kitchen & Preparation area, building 14983	Camp Montrond
14983	8/15/2012	BAF-EL-120709-314	There are numerous flexible cables that are not properly supported at the Camp Montrond DFAC Kitchen, building 14983	Camp Montrond
14782	8/15/2012	BAF-EL-120709-315	Several flexible cords were found with no grounding contacts in the Camp Montrond office building, 14782	Camp Montrond
14983	8/15/2012	BAF-EL-120709-316	A non-approved circuit breaker handle tie was found at Camp Montrond Kitchen, building 14983	Camp Montrond
14951	8/15/2012	BAF-EL-120709-317	Several instances were found of flexible cords used improperly and as a substitute for permanent wiring in the Joint Operations Command Center, building 14951	Camp Montrond
14983	8/15/2012	BAF-EL-120709-318	The distribution panel has unused openings allowing access to live wires at Camp Montrond Kitchen & Prep area, building 14983	Camp Montrond
14983	8/15/2012	BAF-EL-120709-319	Non-listed, plumbing type Polyvinyl Chloride (PVC) conduit was found used in an electrical installation in the Camp Montrond Dining Facility (DFAC) Kitchen, building 14983	Camp Montrond
14983	8/15/2012	BAF-EL-120709-320	A disconnect is subject to excessive radiant heat from nearby stove tops and there is inadequate working clearance around it at the Camp Montrond Kitchen, building 14983	Camp Montrond
14951	8/15/2012	BAF-EL-120709-321	A light switch box cover is missing in the Joint Operations Command Center, building 14951	Camp Montrond
14766	8/15/2012	BAF-EL-120709-322	A Ground-Fault Circuit Interrupter (GFCI) receptacle cover is missing in the female latrine, building 14766	Camp Montrond
14966B	8/15/2012	BAF-EL-120709-323	Nonmetallic cable (NM) was incorrectly installed under, building 14966B	Camp Montrond
14977	8/15/2012	BAF-EL-120709-324A	Two European type power convertors/transformers were found that are not Underwriters Laboratory (UL) listed in the Camp Montrond Office Building, 14977	Camp Montrond
14769A	8/15/2012	BAF-EL-120709-325	There was a broken receptacle faceplate found in the Camp Montrond MWR, building 14769A	Camp Montrond

## Bagram Finding Log Continued

Electrical 19 August 2012

Building	Submittal Date	Finding Number	Abstract	
14769A	8/15/2012	BAF-EL-120709-326	A flexible cord was found with an improper repair in the game room of the Heredia MWR in Camp Montrond, building 14769A	Camp Montrond
14769C	8/15/2012	BAF-EL-120709-327	A flexible cord was found with no grounding pin in the Camp Montrond Chapel, building 14769C	Camp Montrond
14769C	8/15/2012	BAF-EL-120709-328	Two instances of flexible cords were found used improperly and as a substitute for fixed wiring in Camp Montrond Chapel, building 14769C	Camp Montrond
14767	8/15/2012	BAF-EL-120709-329	Two flexible cords were found used improperly and as a substitute for permanent wiring in the Miller Fitness Center, building 14767	Camp Montrond
14767	8/15/2012	BAF-EL-120709-330	There is an unused opening in two junction boxes in the Miller Fitness Center, building 14767, in Camp Montrond	Camp Montrond
14767	8/15/2012	BAF-EL-120709-331	Two flexible cords were found improperly repaired in the Miller Fitness Center, building 14767	Camp Montrond
14951	8/16/2012	BAF-EL-120709-332	There is a defective power strip in the Camp Montrond Joint Operations Center, building 14951	Camp Montrond
14985	8/16/2012	BAF-EL-120709-333	Circuit breakers are not identified and labeled in an electrical panel at Camp Montrond Dining Facility (DFAC), building 14985	Camp Montrond
Camp Montrond RLBS	8/16/2012	BAF-EL-120709-334	During the review of the exterior of Camp Montrond Re-locatable Buildings (RLBs), several panels were found to have no circuit directory	Camp Montrond
14767	8/16/2012	BAF-EL-120709-335	A ground pin was found broken off in a receptacle in the Miller Fitness Center, building 14767	Camp Montrond
14993 and 14996	8/17/2012	BAF-EL-120709-336	During the review of buildings 14993 and 14996, it was noted the Main Distribution Panel is not safely/ correctly connected to the main system grounding electrode at the first disconnecting means, and several sub panels were grounded independently	



## Appendix C Continued

### Notice of Concerns and Responses - BAF

#### ***NOC Fire Protection Systems Bagram Air Field (Oct 10, 2012)***



INSPECTOR GENERAL  
DEPARTMENT OF DEFENSE  
4800 MARK CENTER DRIVE  
ALEXANDRIA, VIRGINIA 22350-1500

OCT 10 2012

MEMORANDUM FOR COMMANDER, U.S. CENTRAL COMMAND

SUBJECT: Notice of Concern—Inspection of Military Construction Compliance With Fire Protection Standards at Selected Facilities in Afghanistan (Project No. D2012-DT0TAD-0002)

This Notice of Concern is to inform you that the Department of Defense Inspector General (DoD IG) team identified issues that require your attention. During the Fire Protection Standards Inspection of the U.S.-controlled and -occupied facilities at Bagram Air Field (BAF) from July 12, 2012 to August 21, 2012, the team inspected 118 facilities and identified 345 findings pertaining to life and safety. The DoD IG views the corrective actions for all findings as critical to ensure the safety of the warfighter. Of the 345 findings, the following 9 findings require immediate corrective action due to their life, health, and safety severity:

- In building 25059, Dust-off Hangar, a fire could result in major loss of life as there are no sprinklers or alarm systems, overheated electrical conductors, and egress routes are constructed of combustible materials (Findings BAF-FP-120709-041A, 043, 044, 045, 065, and 069). These findings are a potential loss of life accident waiting to happen.
- In building 66175, Detention Facility in Parwan, the fire pumps do not function automatically (Finding BAF-FP-120709-129).
- In building 15854, Camp Alpha Gym, and building 25107, Rock Gym, the interior foam insulation is highly flammable (Findings BAF-FP-120709-095 and 241).

The majority of the findings are in the following categories: Means of egress, fire suppression, fire alarm notification systems, fire prevention, construction-passive protection, and building separation. This inspection also identified inconsistent Government oversight and inspection of facilities, a lack of qualified Government fire alarm or fire suppression technicians for inspection, testing, and maintenance; unmaintained and/or unrepaired fire protection systems, and an overreliance on contractors to provide technical expertise to Government contracting officer's representatives. Moreover, the high-volume of leadership turnover contributes to the diminished sense of ownership and a loss of history, experience, and data.

Furthermore, the BAF Base Camp Master Plan lacks a comprehensive fire protection plan. A fire protection plan would define organizational authorities and responsibilities for fire protection and implement guidelines and policy for building classifications. In addition, a plan would provide an organized strategy to modify Unified Facilities Criteria and National Fire Protection Association requirements to BAF's unique wartime environment. The fire protection plan would also define resources and responsibilities for inspection, testing, and maintenance of existing systems and buildings. Finally, a plan, with modified requirements, would contribute to

practical and effective code implementation over the life cycle of the building, further ensuring the safety of the warfighter.

Our findings are attached to this memorandum for your review and comment. DoD Directive 7650.3 requires that recommendations be resolved promptly. Please provide comments that state whether you agree or disagree with the findings and recommendations. If you agree with our recommendations, describe what actions you have taken or plan to take to accomplish the recommendations and include the completion dates of your actions. If you disagree with the recommendations or any part of them, please give specific reasons why you disagree and propose alternative action if appropriate. A comprehensive report will be provided to you once all our inspections in Afghanistan are complete.

Please provide your comments and proposed corrective actions by November 9, 2012. We will include copies of the comments in the report. If you consider any matters to be exempt from public release, you should mark them clearly for Inspector General consideration.

Send a portable document format (.pdf) file and corresponding Excel spreadsheet containing your comments to [REDACTED] Copies of your comments must have the actual signature of the authorizing official for your organization.

We appreciate the courtesies extended to the staff. Please direct questions to [REDACTED]

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DN: c=US, o=U.S. Government,  
ou=DoD, ou=PR, ou=DOIG,  
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Date: 2012.10.10 07:59:25 -0400

Randolph R. Stone  
Deputy Inspector General  
Policy and Oversight

Attachments:  
As stated

cc:  
Assistant Secretary of the Air Force for  
Management and Comptroller  
Auditor General, Department of the Army

## Bagram Finding Log

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
25118A	BAF-FP-120709-001	Building 25118A does not have automatic fire detection	
25055	BAF-FP-120709-002	Building 25055 does not have a functioning smoke detector	
25118A	BAF-FP-120709-003	The storage shed outside of Building 25118A is labeled with incorrect information on the hazardous materials warning sign (NFPA 704 Diamond)	
25048	BAF-FP-120709-004A	There is a lack of emergency lighting and exit signage throughout building 25048	
25170	BAF-FP-120709-005	The fire pumps in building 25170, Craig Joint Theater Hospital, are not being tested or maintained	
25048	BAF-FP-120709-006	Building 25048 does not have smoke detectors in all rooms	
25058	BAF-FP-120709-007	Building 25058 does not have a smoke detector	
25170	BAF-FP-120709-008	The visual notification devices (Strobes) within building 25170 are not synchronized	
25170	BAF-FP-120709-009A	The fire hydrant located near the fire pump room at Building 25170 is not protected from damage	
25118B	BAF-FP-120709-010	Building 25118B does not have automatic fire detection	
25170	BAF-FP-120709-011	Conduit housing fire alarm wiring is not secured	
25170	BAF-FP-120709-012	Building 25170 fire sprinkler seismic bracing is not compliant	
25170	BAF-FP-120709-013	The Fire Department Connections located at Building 25170, Craig Joint Theater Hospital are not clearly identified	
25170	BAF-FP-120709-014A	The material stored in rooms F117 and F103 of building 25170, Craig Joint Theater Hospital, is too close to the ceiling	
25170	BAF-FP-120709-015	Building 25170, Craig Joint Theater Hospital, has plumbing, conduit, and duct work penetrating fire rated walls. In numerous instances these penetrations were observed to be lacking fire rated protection	
25170	BAF-FP-120709-016	Sprinkler heads in building 25170, Craig Joint Theater Hospital are spaced outside the maximum allowable distance	
25170	BAF-FP-120709-017A	Patient Rooms in the Craig Joint Theater Hospital's Intensive Care Unit / Emergency Ward do not have smoke detectors or visibility from the nurses' station	
25170	BAF-FP-120709-018A	There is insufficient smoke detection in the Craig Joint Theater Hospital, specifically in the storage room F103 and the Nutritional Medicine area	
25170	BAF-FP-120709-019A	An exit corridor within the Craig Joint Theater Hospital is obstructed with storage of cleaning supplies	
25170	BAF-FP-120709-020	A standard-response sprinkler head is installed in the same compartment as quick-response sprinkler heads	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
25170	BAF-FP-120709-021	Door "feet" have been installed, defeating the required self-closing feature of the doors in Building 25170	
25170	BAF-FP-120709-022	Hanging signs obstruct water flow from the sprinkler heads in the Craig Joint Theater Hospital	
25170	BAF-FP-120709-023	Fire doors are not self-latching in the Craig Joint Theater Hospital	
25058	BAF-FP-120709-024A	The stairs serving the occupiable roof deck of building 25058 are out of compliance	
25058	BAF-FP-120709-025	Building 25058 does not have adequate fire suppression systems for the stove	
25050A	BAF-FP-120709-026	Building 25050A contains a mixture of highly combustible materials and is located adjacent to building 25048, which is used as a medical clinic	
25118A, 25118B, 25120C, 25122C	BAF-FP-120709-027	The perimeter of buildings 25118A, 25118B, 25120C, 25122C are overgrown with vegetation	
25120C	BAF-FP-120709-028A	The fire separation distance does not meet Code between Building 25120C and neighboring buildings	
25048	BAF-FP-120709-029	A hazardous self-help wooden structure and storage area has been constructed adjacent to building 25048	
25050A	BAF-FP-120709-030	The fire extinguisher at Building 25050A has not been inspected and is not properly mounted	
25048	BAF-FP-120709-031	Multiple fire extinguishers in Building 25048 have not been inspected since prior to 2012 and are not properly mounted	
25120C	BAF-FP-120709-032	Building 25120C has multiple fire extinguishers that have not been inspected	
25059	BAF-FP-120709-033	Hangar Building 25059 is not protected by a fire suppression system	
25059	BAF-FP-120709-034A	Hangar 25059 is not separated from adjacent structures by the minimum separation distance	
25059	BAF-FP-120709-035	Hangar 25059 has been altered using combustible construction materials	
25059	BAF-FP-120709-036	The service and storage area in Hangar 25059 is not separated from other areas in the building by fire rated construction.	
25120C	BAF-FP-120709-037	Building 25120C has exit doors that are too short	
45329	BAF-FP-120709-038	The Fire Riser Room door is mislabeled as the Fire Pump Room	
45329	BAF-FP-120709-039	Building 45329 fire sprinkler pipe joining material does not meet Code	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
	Deleted		
25059	BAF-FP-120709-041B	The means of egress from Hangar 25059 sleeping quarters passes through the hangar storage and service bay to get to a point of egress from the building	
25170	BAF-FP-120709-042	The exhaust vents for the backup generator are supported by the sprinkler piping in building 25170	
25059	BAF-FP-120709-043	Hangar 25059 sleeping quarters dead end corridor length exceeds the allowable distance	
25059	BAF-FP-120709-044	There is no fire alarm system in the Building 25059 sleeping quarters	
25059	BAF-FP-120709-045	Building 25059 contains sleeping rooms and living areas that do not have smoke detectors	
25059	BAF-FP-120709-046	Building 25059 contains doors in the means of egress that do not have proper headroom and swing direction	
25059	BAF-FP-120709-047A	Building 25059 door opening widths in the means of egress are less than required	
	Deleted		
25059	BAF-FP-120709-049	An exit from Building 25059 is partially blocked	
25059	BAF-FP-120709-050	Building 25059 does not have illuminated exit signs in many locations	
15817	BAF-FP-120709-051	The Chapel , building 15817, does not have panic hardware on egress doors	
15817	BAF-FP-120709-052	The Chapel, building 15817, is missing several smoke detectors	
25209	BAF-FP-120709-053	The interior exit stairwells are being used for storage in the Passenger Terminal.	
25209	BAF-FP-120709-054	Passenger terminal fire sprinkler seismic bracing is not compliant	
25209	BAF-FP-120709-055	Sprinkler drain piping is not labeled in the Passenger Terminal	
15813	BAF-FP-120709-056A	The floor level change at door openings for the Bagram Safety Office exceeds the maximum allowable distance	
25209	BAF-FP-120709-057	An emergency light fixture was not functional during testing in the Passenger Terminal	
15813	BAF-FP-120709-058A	Building 15813 smoke detectors are missing or disabled	
26003C	BAF-FP-120709-059A	Building 26003C smoke detectors are missing or disabled	
26107B	BAF-FP-120709-060A	A potential egress door was secured from the outside and not marked as not an exit	
26107B	BAF-FP-120709-061	The fire extinguisher at Building 26107B has not been inspected and is not properly mounted	



## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
Camp McKool B- Huts	BAF-FP-120709-062	The B-Huts at Camp McKool have non-compliant exit stairs	
15916	BAF-FP-120709-063	Chapel Annex, building 15916, is missing several smoke detectors.	
15920	BAF-FP-120709-064	MWR Movie/Internet Service Building 15920 does not have smoke detectors	
25059	BAF-FP-120709-065	Hangar 25059 sleeping quarters are not protected by fire rated walls	
25055	BAF-FP-120709-066	Laundry Building 25055 has missing and non- operational smoke detectors	
25054	BAF-FP-120709-067	Latrine/Shower Building 25054 does not have smoke/heat detectors or carbon monoxide detectors	
15817	BAF-FP-120709-068A	Building 15817, Chapel, does not have sufficient fire separation distance from building 15819	
25059	BAF-FP-120709-069	The means of egress travel distance for the Hangar 25059 sleeping quarters exceeds the allowable required by NFPA 101	
15916	BAF-FP-120709-070	Chapel 15916 does not have panic hardware on egress doors	
15916	BAF-FP-120709-071	The main assembly room of the Chapel Annex, building 15916, does not have two means of egress	
25180	BAF-FP-120709-072A	Housing Building 25180 has a partially obstructed means of egress	
25059	BAF-FP-120709-073	A fire extinguisher at Hangar 25059 has not been inspected and is not properly mounted	
15817	BAF-FP-120709-074	Fire extinguishers at Chapel 15817 have not been inspected	
15821A	BAF-FP-120709-075	The fire extinguisher mounted to the exterior of Building 15821A has not been inspected	
25059	BAF-FP-120709-076	Hangar 25059 has raised door thresholds that exceed the allowable height	
25070	BAF-FP-120709-077	The means of egress for Physical Training/Exercise Drash tent 25070 is not level	
	Deleted		
25180	BAF-FP-120709-079	Housing Building 25180 does not have emergency egress lighting	
25180	BAF-FP-120709-080	The fire extinguisher at Building 25180 has not been inspected	
25055	BAF-FP-120709-081A	Building 25055, laundry, has a permanently locked door that is not labeled with a "No Exit" sign	
25059	BAF-FP-120709-082	Aircraft Hangar 25059 exit discharge stairs are noncompliant	



## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
BAF	BAF-FP-120709-083	Plans for construction/renovation projects are not submitted for review by a certified fire inspector and registered fire protection engineer	
25175	BAF-FP-120709-084	The Medical Storage Drash Tent 25175 has a raised threshold at a door that exceeds the allowable height	
25175	BAF-FP-120709-085	The Medical Storage Drash Tent 25175 has no smoke detectors	
15916	BAF-FP-120709-086	The Chapel Annex, Building 15916, main assembly room east exit door does not meet door height requirements	
15920	BAF-FP-120709-087	The width of the primary means of egress is too narrow for building 15920, MWR (dragon)	
25180	BAF-FP-120709-088	Medical Staff Housing Building 25180 has fire rated doors that cannot be fully closed	
25170	BAF-FP-120709-089	The fire separation distance between Building 25170, Craig Joint Theater Hospital, and Building 25175, Medical Storage Drash Tent, is less than what is required by the International Building Code (IBC)	
Camp Alpha	BAF-FP-120709-090	There is a lack of inspection and maintenance on Fire Extinguishers in Camp Alpha	Camp Alpha
Camp Alpha	BAF-FP-120709-091	The B-Huts at Camp Alpha have non-compliant exit stairs	Camp Alpha
Camp Alpha	BAF-FP-120709-092	Smoke detection is not provided throughout buildings in Camp Alpha, and smoke detectors present are not maintained	Camp Alpha
15735	BAF-FP-120709-093	An excessive dead-end corridor exists in building 15735 on Camp Alpha.	Camp Alpha
15783	BAF-FP-120709-094	Provide exit signage in the vehicle maintenance bay on Camp Alpha	Camp Alpha
15854	BAF-FP-120709-095	The interior foam insulation coating in the gym, building 15854, is highly flammable	Camp Alpha
15849	BAF-FP-120709-096	The interior foam insulation coating portions of the MWR facility, building 15849, is not compliant	Camp Alpha
15854	BAF-FP-120709-097	A light bulb in the emergency light is burnt out in Building 15854, the Camp Alpha gym	Camp Alpha
25175	BAF-FP-120709-098	An exit door is obstructed for Medical Storage Building 25175	
25180	BAF-FP-120709-099	Medical Staff Housing Building 25180 has a fire alarm manual pull station mounted at 37 inches, which is less than the minimum of 42 inches required by NFPA 72	
15817	BAF-FP-120709-100	The exit discharge stairs for the Chapel, building 15817, are noncompliant	
15920	BAF-FP-120709-101	The stairs for the primary means of egress from the MWR (Dragon), building 15920, are noncompliant	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
15920	BAF-FP-120709-102	MWR (Dragon) Building 15920 does not have panic hardware on the egress door and does not have an illuminated exit sign over the main exit door	
25032	BAF-FP-120709-103	The fire extinguishers at the Distinguished Guest Quarters, Building 25032, are not properly mounted	
45122A, 45127, and 45131	BAF-FP-120709-104A	Fire sprinkler systems are not provided for the Army Materiel Command (AMC) 401st Army Field Support Brigade (AFSB) Phase V lodging compound	AFSB Phase V
45122A, 45127, and 45131	BAF-FP-120709-105A	Smoke/heat detection is not provided in the bathrooms for the Army Materiel Command (AMC) 401st Army Field Support Brigade (AFSB) Phase V lodging compound	AFSB Phase V
25059	BAF-FP-120709-106	A large JP8 fuel storage tank is located within 16 inches of Hangar 25059	
25032	BAF-FP-120709-107A	The stair enclosures in the Distinguished Visitor Quarters Building 25032 have missing or incorrectly mounted smoke detectors	
25032	BAF-FP-120709-108	The means of egress for the Distinguished Visitor Quarters Building 25032 is not protected with a fire rated barrier	
24097A	BAF-FP-120709-109A	In Temporary Office Tent 24097A, an emergency light fixture and illuminated exit sign were non-operational during testing, and the smoke detector is missing	
BAF	BAF-FP-120709-110	There is a general lack of inspection, testing, and maintenance for fire protection and life safety systems on Bagram Airfield	BAF
BAF	BAF-FP-120709-111A	The Base Camp Master Plan for Bagram Airfield (BAF) lacks an effective fire protection plan	BAF
15920	BAF-FP-120709-112	The perimeter of building 15920 has overgrown vegetation in violation of USFOR-A Fire Prevention Policy	
25032	BAF-FP-120709-113	The step down from the exit door exceeds the allowable drop for the primary means of egress from the Distinguished Visitor's Quarters, Building 25032	
25059	BAF-FP-120709-114	Building 25059 is not storing all paint in flammable storage cabinets.	
25059	BAF-FP-120709-115	The hazardous material sign does not appropriately reflect the actual hazard of the materials being stored in a storage shed adjacent to Hangar Building 25059	
32470B	BAF-FP-120709-116A	The Unit #2 Control Room, Power Plant Building 32470B, combination emergency/exit light was non- operational	
15920	BAF-FP-120709-117	The hazardous material sign does not appropriately reflect the actual hazard of the materials being stored in a storage shed adjacent to Building 15920, the Dragon MWR	
Power Station	BAF-FP-120709-118	Fire extinguishers at the Power Station are lacking evidence of routine inspection and maintenance	

## Bagram Finding Log Continued

*Fire Protection 19 August 2012*

Building	Finding Number	Abstract	
32470B	BAF-FP-120709-119	The Main Control Room smoke detector was non- operational in Power Plant building 32470B	
DFIP	BAF-FP-120709-120	DFIP Buildings lack seismic bracing for the fire sprinkler systems	DFIP
DFIP	BAF-FP-120709-121	The perimeter of DFIP Buildings are overgrown with vegetation	DFIP
66482	BAF-FP-120709-122	The fire extinguisher cabinet in the Headquarters building conference room is empty	DFIP
66482	BAF-FP-120709-123	Building 66482 does not have complete building coverage for sprinkler protection	DFIP
66482	BAF-FP-120709-124B	Building 66482, Battalion Headquarters, does not have an accessible manual fire alarm pull box	DFIP
67403	BAF-FP-120709-125	Building 67403 does not have manual fire alarm pull boxes by either exit	DFIP
DFIP	BAF-FP-120709-126	The Detention Facility in Parwan (DFIP) has fire hydrants that are not protected from damage	DFIP
66482	BAF-FP-120709-127	An exit door from DFIP Headquarters building 66482 is blocked	DFIP
67403	BAF-FP-120709-128	Fire extinguishers at the Detention Facility in Parwan (DFIP) have not been inspected and are not properly mounted	DFIP
66175	BAF-FP-120709-129	The fire suppression system for the DFIP is not automatic	DFIP
66175	BAF-FP-120709-130	An excessive quantity of Class 3 oxidizer (Calcium Hypochlorite) is being stored in the fire pump room, building 66175	DFIP
66691	BAF-FP-120709-131	Building 66691, Medical Housing Unit, has a non exit door that is not labeled with a "No Exit" sign	DFIP
66587	BAF-FP-120709-132	The Fire Hose Cabinet in Building 66587 is not readily accessible for fire fighting operations	DFIP
DFIP	BAF-FP-120709-133	The DFIP fire alarm system has multiple troubles and errors	DFIP
66482	BAF-FP-120709-134A	Fire suppression is not provided in Battalion Headquarters, Building 66482, under the raised floor	DFIP
66477	BAF-FP-120709-135	Numerous fire sprinklers are in contact with support hangers and ceiling components in the Detention Facility in Parwan (DFIP), building 66477	DFIP
67403	BAF-FP-120709-136	Numerous sprinklers are located too close to ceiling beams in Building 67403	DFIP
66594	BAF-FP-120709-137	Exit door configurations do not allow free and clear egress from Operations, in building 66594	DFIP
66587	BAF-FP-120709-138	Concealed type sprinkler heads are used in a non- listed application in building 66587	DFIP

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
66691	BAF-FP-120709-139	Fire alarm control panel cannot be accessed in the Medical Housing Unit, building 66691	DFIP
15804 and 15805	BAF-FP-120709-140	The perimeter of buildings 15804 and 15805 are overgrown with vegetation	
15915	BAF-FP-120709-141	Smoke alarm (battery type) in building 15915 did not have any UL label/stamp	
15804 and 15805	BAF-FP-120709-142	Numerous fire extinguishers in buildings 15804 and 15805 are lacking evidence of being inspected on a monthly basis, and the records do not demonstrate that at least the last 12 monthly inspections have been performed	
15915	BAF-FP-120709-143	A fire extinguisher in the Military Police Station, building 15915, was lacking evidence of being inspected on a monthly basis	
15915	BAF-FP-120709-144	The egress pathway on the second level of Building 15915 is obstructed	
15915	BAF-FP-120709-145	Building 15915 does not have emergency lighting	
15915	BAF-FP-120709-146	Building 15915 has insufficient directional exit signage	
15915	BAF-FP-120709-147	Building 15915, Military Police Station, has a non exit door that is labeled with an "Exit" sign	
15915	BAF-FP-120709-148	The Military Police Station, building 15915, does not have an illuminated exit sign over main exit doors	
15804 and 15805	BAF-FP-120709-149A	Numerous emergency light fixtures in buildings 15804 and 15805 were not functional during testing	
15804 and 15805	BAF-FP-120709-150A	Smoke detection is either not provided throughout buildings 15804 and 15805, or were disabled and not properly maintained	
15804 and 15805	BAF-FP-120709-151	The interior exit stairwells are being used for storage in buildings 15804 and 15805	
15804 and 15805	BAF-FP-120709-152	Exit stairs for Buildings 15804 and 15805 are noncompliant	
15805	BAF-FP-120709-153	Buildings 15805 "Motel 8" has insufficient illuminated exit/directional signage	
15805	BAF-FP-120709-154	There is a significant elevation change on either side of the main entry/exit door of Motel 8	
15804 and 15805	BAF-FP-120709-155	Building 15804 and 15805 second floor fire escape stairs do not meet NFPA code requirements	
15804 and 15805	BAF-FP-120709-156	Buildings 15804, "Motel 6" and 15805, "Motel 8", have only one means of egress on the second floors	
15804 and 15805	BAF-FP-120709-157	Buildings 15804 and 15805 have corridor and exit arrangements that violate code	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
14993	BAF-FP-120709-158	Building 14993 has obstructed egress from the stage	
25108	BAF-FP-120709-159	Building 25108 does not have automatic fire detection	
25108	BAF-FP-120709-160	Building 25108 does not have emergency lighting	
25108	BAF-FP-120709-161	The building 25108 fire extinguisher is not mounted and monthly maintenance has not been regularly conducted	
14843A	BAF-FP-120709-162	There is insufficient smoke detector coverage in the Post Exchange	
14843A	BAF-FP-120709-163	The Post Exchange does not have panic hardware on the exit doors	
14843A	BAF-FP-120709-164	The Post Exchange does not have sprinkler protection	
14843A	BAF-FP-120709-165	Building 14843A smoke detectors are not properly located.	
14843A	BAF-FP-120709-166	The fire extinguishers at building 14843A have not been inspected and are not properly mounted	
24094	BAF-FP-120709-167	Building 24094 smoke detectors are not properly located	
24094	BAF-FP-120709-168A	Many smoke detectors in Building 24094 were nonfunctional and not properly maintained	
14996 and 14993	BAF-FP-120709-169	Smoke detectors in buildings 14996 and 14993 are not properly located and maintained	
24094	BAF-FP-120709-170	Fire extinguishers in Building 24094 have not been inspected and are not properly mounted	
14996 and 14993	BAF-FP-120709-171	Some fire extinguishers in Buildings 14996 and 14993 are not properly inspected and maintained	
24094	BAF-FP-120709-172	The minimum required fire separation distance between US Army Garrison Command Building 24094 and surrounding buildings has not been met	
14843A	BAF-FP-120709-173A	Building 14843A does not have illuminated exit signs in many locations	
24094	BAF-FP-120709-174	The upper corridor in the US Army Garrison Command Building 24094 creates a dead end corridor length that exceeds the 50 feet maximum	
24094	BAF-FP-120709-175	There is overgrown brush in the vicinity of Building 24094	
14843A	BAF-FP-120709-176	There is overgrown brush in the vicinity of Building 14843A	
14843A	BAF-FP-120709-177	An emergency light/exit sign combination device did not function in Building 14843A	
25103	BAF-FP-120709-178	Smoke detectors do not function and are not properly located in building 25103, Camp Cunningham Laundry	
25103	BAF-FP-120709-179A	The threshold at the entry/exit doors of building 25103, exceeds 1/2"	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
15804 and 15805	BAF-FP-120709-180A	The means of egress for buildings 15804 and 15805 exceeds threshold height and changes in floor elevation at the door openings	
24094	BAF-FP-120709-181	Numerous emergency light fixtures in Building 24094 were not functional during testing and there is no emergency lighting provided in a lean-to facility that was built onto Building 24094	
24094	BAF-FP-120709-182	Building 24094 has an exit sign that did not illuminate during testing and has direction arrows that mistakenly indicate to exit to the left or right	
24094	BAF-FP-120709-183	Two generators and one fuel tank, all with JP8 fuel, show 3 different fire hazard signs outside of building 24094	
14993 and 14996	BAF-FP-120709-184	The tension fabric structures used for the Dragon Gym and the Dragon Arena do not meet minimum separation distance requirements	
24094	BAF-FP-120709-185	US Army Garrison Command Building 24094 exit doors have trip hazards	
24094	BAF-FP-120709-186	The US Army Garrison Command Building 24094 interior exit access stair is not separated from the remainder of the building by fire rated construction	
24094	BAF-FP-120709-187A	US Army Garrison Command Building 24094 has door openings in the means of egress that are too low	
24094	BAF-FP-120709-188	US Army Garrison Command Building 24094 has noncompliant stairs in the means of egress pathway	
14993	BAF-FP-120709-189	Building 14993 has a 50 gallon fuel tank without a means of secondary containment and it is within 12 feet of a high occupancy tent	
14993	BAF-FP-120709-190	Building 14993 has an exit sign on the East exit that did not illuminate during testing and does not have an illuminated exit sign over the North exit	
BAF	BAF-FP-120709-191	There is no established and documented self-help labor program on BAF	
24094	BAF-FP-120709-192A	The basement office in the US Army Garrison Command Building 24094 has a single means of egress and less than 6 feet of headroom	
24094	BAF-FP-120709-193	The US Army Garrison Command Building 24094 north exit access corridor opens into a wood framed lean-to office	
24094	BAF-FP-120709-194	The basement office in the US Army Garrison Command Building 24094 has no emergency or exit lights	
24094	BAF-FP-120709-195	The US Army Garrison Command Building 24094 second floor exterior exit stair is not protected from fire spreading from the first floor windows and door of the building	



## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
27328	BAF-FP-120709-196	The Aqueous Film Forming Foam (AFFF) concentrate in use at Hangar 27331 does not conform to military standards	
27328 and 27331	BAF-FP-120709-197	Seismic bracing is not provided for fire suppression piping in buildings 27328 or 27331	
27337	BAF-FP-120709-198	Building 27337, AC-130 sheet metal shop, lacks seismic bracing for the fire sprinkler systems	
27331	BAF-FP-120709-199	Building 27331, AC-130 Hangar, does not have sufficient fire separation distance from building 27337, AC-130 sheet metal shop	
27328	BAF-FP-120709-200	Building 27328, Fire Pump House for Hangar 27331, does not have dielectric fittings on dissimilar material unions and welds	
27331	BAF-FP-120709-201	Building 27331, AC-130 Hangar, fire sprinkler system does not provide complete building coverage	
27328	BAF-FP-120709-202	Building 27328 fire sprinkler pipe joining material does not meet NFPA 13	
27328	BAF-FP-120709-203	A fire sprinkler deflector in Building 27328 does not have sufficient clearance from the ceiling beam	
27328	BAF-FP-120709-204A	Standard Spray Pendent sprinkler heads are installed in an upright configuration	
27328	BAF-FP-120709-205	The bladder tank in building 27328 appears to have ruptured, allowing the foam and water to mix in the tank	
27331	BAF-FP-120709-206	AC-130 Hangar Building 27331 and associated Fire Pump Building 27328 wet-pipe sprinkler piping does not have seismic protection clearance	
27331	BAF-FP-120709-207	A fire sprinkler deflector in Building 27331 is obstructed by HVAC duct insulation	
27331	BAF-FP-120709-208	A sleeping room in Building 27331, AC-130 Hangar, does not have a smoke detector installed	
27337	BAF-FP-120709-209	A fire extinguisher in Building 27337 is not properly inspected and maintained	
27331	BAF-FP-120709-210	Building 27331 has an exit sign on the North exit that did not illuminate during testing	
25021	BAF-FP-120709-211A	Smoke detectors in Building 25021 are not properly located and maintained	
25018, 25012, 25003, and 25005A	BAF-FP-120709-212A	Numerous deficiencies were noted with smoke detectors in Buildings 25018, 25012, 25003, and 25005A	
25112	BAF-FP-120709-213	Smoke/heat detection is not provided in some areas of Building 25112	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
27331	BAF-FP-120709-214	Building 27331 does not have appropriate manual fire alarm pull boxes by all exits	
27331	BAF-FP-120709-215	Building 27331 has an obstructed fire hydrant that is not protected	
27328	BAF-FP-120709-216	Foam concentrate piping is not stainless steel or filament-wound fiberglass in building 27328	
27328	BAF-FP-120709-217A	The valves controlling water flow from the water storage tanks at building 27328 are incorrect	
27337	BAF-FP-120709-218	A sprinkler on the second level, east side of building 27337, appears to be leaking	
27331	BAF-FP-120709-219	Large ventilation / air-moving units are provided for Hangar 27331 without smoke detection	
27328	BAF-FP-120709-220	There is no supply of spare sprinkler heads in building 27328	
27331	BAF-FP-120709-221	AC-130 Hangar, Building 27331, has wet-pipe sprinkler system deficiencies	
27331	BAF-FP-120709-222	The Hangar Building 27331 fire alarm system is non-operational	
27331	BAF-FP-120709-223	AC-130 Hangar, Building 27331, has a fire extinguisher location sign but no fire extinguisher or hanger	
25023A	BAF-FP-120709-224	A smoke detector in Building 25023A is disabled	
27337	BAF-FP-120709-225	There is no supply of spare sprinkler heads in building 27337	
35587	BAF-FP-120709-226	There is no supply of spare sprinkler heads in building 35587	
25021	BAF-FP-120709-227	Egress is obstructed for building 25021, Transient Lodging Tent	
25003, 25005A, 25012, and 25018	BAF-FP-120709-228A	Camp Cunningham Housing Buildings have obstructed egresses	
Camp Cunningham B Huts	BAF-FP-120709-229A	Camp Cunningham Housing B-Huts have obstructed egresses	
25121B	BAF-FP-120709-230	Building 25121B has storage area under the staircase that is not separated from the stairs by fire resistant construction	
24299	BAF-FP-120709-231	Building 24299, Pat Tillman Memorial USO, has exit doors that swing against the flow of egress	
25112	BAF-FP-120709-232	Building 25112, Camp Cunningham HQ, has noncompliant exit stairs	
27331	BAF-FP-120709-233	There is a pile of combustible scrap lumber and pallets stacked adjacent to building 27331	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
24299	BAF-FP-120709-234	A lack of smoke detector coverage was observed in Building 24299	
25214	BAF-FP-120709-235	There are overgrown weeds and a wood pile next to Building 25214	
35587	BAF-FP-120709-236	The jockey pump and main fire pumps in building 35587 are turned off, likely due to a broken valve	
35587	BAF-FP-120709-237	The fire pumps in building 35587, the pump house for the Air Traffic Control Tower, are not being tested or maintained	
25003, 25005A, 25012, and 25018	BAF-FP-120709-238	The means of egress for Camp Cunningham Housing buildings are not protected with a fire rated barrier	
25012 and 25003	BAF-FP-120709-239	Camp Cunningham Housing Buildings have electrical service transformers located too close to the building	
25117A	BAF-FP-120709-240	Building 25117A, The Pebble Fitness Center tent has one of the two main means of egress obstructed	
25107	BAF-FP-120709-241	The interior fibrous insulation coating in the Rock Gym, building 25107, is highly flammable	
25003 and 25005A	BAF-FP-120709-242	Camp Cunningham Housing Building exterior exit stairs are not separated from the interior of the building by fire rated self-closing and latching doors	
25003 and 25005A	BAF-FP-120709-243	Camp Cunningham Housing Building interior stairs are not protected by a fire barrier	
25003 and 25005A	BAF-FP-120709-244	The fire alarm systems for Camp Cunningham Housing buildings 25003 and 25005A are inoperable	
25117A and 25218	BAF-FP-120709-245A	Smoke detectors in Buildings 25117A and 25218 are missing, disabled, not mounted, and/or located down too low from the ceiling	
25218	BAF-FP-120709-246	A fire extinguisher in Building 25218 is not properly inspected and maintained	
25003, 25005A, 25012, and 25018	BAF-FP-120709-247	Camp Cunningham RLBs have nonfunctional emergency lights and emergency exit fixtures	
25018, 25003, and 25005A	BAF-FP-120709-248	Fire extinguishers in Buildings 25018, 25003, and 25005A are not securely mounted	
25012 and 25018	BAF-FP-120709-249	Camp Cunningham RLBs have door frames with low head clearance	
25018, 25003, and 25005A	BAF-FP-120709-250	Monthly inspection record labels on fire extinguishers in Buildings 25018, 25003, and 25005A indicate that some monthly inspections were not performed	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
25023A	BAF-FP-120709-251	The storage shed outside of building 25023A is labeled with incorrect information on the hazardous materials warning sign (NFPA 704 Diamond)	
25112	BAF-FP-120709-252	The monthly inspection record label on a 30 lb. fire extinguisher in Building 25112 indicates that some monthly inspections were not performed	
25023A	BAF-FP-120709-253	There is overgrown vegetation near building 25023A	
25214	BAF-FP-120709-254	The building 25214 rear door egress path is blocked and needs to be marked "NO EXIT"	
25121B	BAF-FP-120709-255	The building 25121B fire alarm circuit breaker is not marked and not protected from tampering	
25121B	BAF-FP-120709-256	Exit/directional signage illumination is insufficient in building 25121B	
25121B	BAF-FP-120709-257	The second floor game room in building 25121B has no exit signs	
35586B	BAF-FP-120709-258	The interior exit stairwell is being used for storage in building 35586B	
25214	BAF-FP-120709-259	Building 25214 has not been provided with smoke detector coverage	
25121B	BAF-FP-120709-260	There is trash and wood piled up adjacent to building 25121B in violation of USFOR-A fire prevention policy	
25121B	BAF-FP-120709-261	Building 25121B has a nonfunctional emergency lighting fixture	
35586B	BAF-FP-120709-262	A fire extinguisher in Building 35586B is being used as a door prop	
35586B	BAF-FP-120709-263	Several sprinkler heads in building 35586B still had the shipping protective caps on them which may prevent discharge	
35586B	BAF-FP-120709-264	The staircase fire doors in building 35586B have missing hardware and do not operate correctly	
35586B	BAF-FP-120709-265	Building 35586B has an obstructed manual fire alarm pull box	
35586B	BAF-FP-120709-266	Building 35586B has numerous nonfunctional emergency lighting fixtures	
35586B	BAF-FP-120709-267A	Building 35586B, Air Traffic Control Cab has several sprinkler escutcheons that are too far below the ceiling	
35586B	BAF-FP-120709-268	The Air Traffic Control Tower (ATC) fire alarm control panel (FACP) is in alarm.	
25107	BAF-FP-120709-269	The MWR Fitness Gym "The Rock, building 25107, fire alarm control panel (FACP) is in alarm status	

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
25107	BAF-FP-120709-270	The fire alarm circuit breaker building 25107 is not marked or protected from tampering	
35586B	BAF-FP-120709-271	Building 35586B has an obstructed fire egress	
35762	BAF-FP-120709-272	Building 35762 has inappropriate locks for a means of egress	
24095	BAF-FP-120709-273	The interior exit stairwells are being used for storage in building 24095	
24095	BAF-FP-120709-274	Building 24095 of the 455th Air Expeditionary Wing, lacks seismic bracing for the fire sprinkler systems.	
24095	BAF-FP-120709-275	Building 24095 of the 455th Air Expeditionary Wing, does not provide complete building sprinkler system coverage	
24095	BAF-FP-120709-276	Building 24095 of the 455th Air Expeditionary Wing, has a non working illuminated emergency exit sign	
24095	BAF-FP-120709-277	Fire extinguishers in building 24095 are not properly inspected and maintained	
24095	BAF-FP-120709-278	Fire extinguishers in building 24095 are not properly installed	
24095	BAF-FP-120709-279	Building 24095 has a nonfunctional emergency lighting fixture	
35762	BAF-FP-120709-280	Building 35762 has a step in the path of egress that is not fixed in place	
35762	BAF-FP-120709-281	Building 35762 has varnish stored in a non-approved storage room	
35591	BAF-FP-120709-282	Building 35591 emergency light fixture was not functional during testing	
24095	BAF-FP-120709-283	The mechanical room in building 24095 is being used to store combustible and flammable material	
24095	BAF-FP-120709-284	Fire sprinkler pipe joining material in building 24095 does not comply with NFPA 13	
35771C	BAF-FP-120709-285	The means of egress for building 35771C is restricted in width due to excessive door projection into the passageway	
24095	BAF-FP-120709-286	The main entrance double doors in building 24059 have missing and modified door hardware, which obstruct egress	
24095	BAF-FP-120709-287	Building 24095, has conduit and duct work penetrating fire rated walls with the openings lacking fire-rated protection	
24049 and 24051	BAF-FP-120709-288	Buildings 24049 and 24051 have an electrical service transformer located too close to the buildings	
25216, 25214 and 25218	BAF-FP-120709-289A	Buildings 25216, 25214 and 25218 are not separated by 12 feet from the adjacent structures	
25117A	BAF-FP-120709-290	Building 25117A is not separated by the required 20 feet from the adjacent permanent structure	

## Bagram Finding Log Continued

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Building	Finding Number	Abstract	
16844	BAF-FP-120709-291	Building 16844 fire alarm circuit breaker is not correctly marked and not protected from tampering	
16844	BAF-FP-120709-292	Building 16844 fire alarm control panel does not report to BAF Fire Department Dispatch	
16844	BAF-FP-120709-293	Building 16844 has a plastic bag covering and disabling a fire alarm smoke detector	
24049	BAF-FP-120709-294	Building 24049 does not have fire suppression systems for kitchen cooking equipment	
25132	BAF-FP-120709-295	Building 25132 does not have adequate fire suppression systems for kitchen cooking equipment	
24051	BAF-FP-120709-296	A smoke detector was missing in building 24051	
25132	BAF-FP-120709-297	Building 25132 does not have an automatic fire alarm system	
24049	BAF-FP-120709-298	Building 24049 does not have an automatic fire alarm system	
24049	BAF-FP-120709-299	Two large JP8 fuel storage tanks are located too close to building 24049 without means of secondary containment	
24087B	BAF-FP-120709-300	The fire water supply post indicator valve near building 24087B is not protected from damage	
24095	BAF-FP-120709-301	The fire alarm control panel for building 24095 is in non-operational condition displaying multiple alarms	
24087B and 24087C	BAF-FP-120709-302	Buildings 24087B and 24087C fire pumps have not been commissioned	
24095	BAF-FP-120709-303	Building 24095 fire sprinkler coverage is obstructed in mechanical room and electrical room	
24087B	BAF-FP-120709-304	Building 24087B has an incorrect fire sprinkler head installed	
24095	BAF-FP-120709-305	The building 24095 fire sprinkler riser assembly does not have dielectric fittings on dissimilar material unions and welds	
24095	BAF-FP-120709-306	The building 24095 fire suppression water supply Post Indicator Valve (PIC) shows the water supply is partially shut off	
24095	BAF-FP-120709-307	Building 24095 has an exit sign that is burnt out	
24051	BAF-FP-120709-308	The movie room in the 8 Ball MWR, building 24051, has an obstructed exit	
24051	BAF-FP-120709-309	A door not intended for emergency exit use in building 24051 has conflicting signage	
24049	BAF-FP-120709-310	Smoke detectors were missing, disabled, nonfunctional, and not properly maintained in the Koele Dining Facility (DFAC), building 24049	
24049	BAF-FP-120709-311	Building 24049 has a nonfunctional emergency lighting fixture	



## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
24049	BAF-FP-120709-312	Smoke/heat detection is not provided in some areas of building 24049	
24043	BAF-FP-120709-313	Smoke detectors in building 24043 are installed too low from the ceiling	
25132	BAF-FP-120709-314	Fire extinguishers in building 25132 are not properly inspected and maintained	
24049	BAF-FP-120709-315	Building 24049, Koele Dining Facility (DFAC), has exit door frames with lower than required head clearance	
24049	BAF-FP-120709-316	Building 24049, Koele Dining Facility (DFAC) has inappropriate locks for a means of egress	
24095	BAF-FP-120709-317	Building 24095 is constructed as a non-combustible structure, but combustible material was used in remodel work	
25132	BAF-FP-120709-318	Exit/directional signage illumination is insufficient in the cold storage building adjacent to building 25132	
25132	BAF-FP-120709-319	Building 25132 has a nonfunctional emergency light fixture and illuminated exit sign	
25132	BAF-FP-120709-320	The fire extinguisher in the kitchen cooking area for the Dragon Dining Facility (DFAC), building 25132, is inaccessible	
24095	BAF-FP-120709-321	The building 24095 fire sprinkler riser water motor gong is mounted incorrectly	
24095	BAF-FP-120709-322	Building 24095 has missing drop in ceiling tiles that will delay fire sprinkler activation	
24051	BAF-FP-120709-323	Building 24051 hazardous material storage sign is not legible	
25132	BAF-FP-120709-324	Deficiencies were noted with smoke detectors in building 25132	
25132	BAF-FP-120709-325	A kitchen hood grease drip tray is not installed in the Dragon Dining Facility (DFAC), building 25132	
25132	BAF-FP-120709-326	The building 25132 storage cabinet hazardous material sign does not appropriately reflect the actual hazard of the materials being stored	
25132	BAF-FP-120709-327	The Sandwich Shop fire extinguisher is inaccessible in building 25132	
25132	BAF-FP-120709-328	Building 25132 has inappropriate locks for a means of egress	
BAF	BAF-FP-120709-329	The smoke detectors in multiple facilities across BAF do not communicate with other detectors located within those facilities	
14782	BAF-FP-120709-330	The interior exit stairwells of building 14782 are being used for storage with the potential to interfere with egress	Camp Montrond
CM	BAF-FP-120709-331	Exit/directional signage illumination and emergency lighting is insufficient in Camp Montrond buildings	Camp Montrond

## Bagram Finding Log Continued

Fire Protection 19 August 2012

Building	Finding Number	Abstract	
CM	BAF-FP-120709-332	There is systemic lack of inspection and maintenance on fire extinguishers in Camp Montrond	Camp Montrond
14983	BAF-FP-120709-333	The Camp Montrond Dining Facility (DFAC) kitchen, building 14983, does not have a working fire suppression system for kitchen cooking equipment	Camp Montrond
CM	BAF-FP-120709-334	Camp Montrond has buildings with door opening headroom less than the required 6'8" clearance and ceiling height less than the required 7' clearance	Camp Montrond
14882	BAF-FP-120709-335	The building 14882 storage cabinet hazardous material sign does not appropriately reflect the actual hazard of the materials being stored	Camp Montrond
14769A	BAF-FP-120709-336	Building 14769A has only one means of egress	Camp Montrond
CM	BAF-FP-120709-337A	Systemic deficiencies were noted with the installation and maintenance of smoke detectors throughout Camp Montrond, and smoke detection is not provided in many locations	Camp Montrond
CM	BAF-FP-120709-338A	There is overgrown vegetation near building 14782	Camp Montrond
14782	BAF-FP-120709-339	Camp Montrond building 14782 second floor fire escape stairs do not meet NFPA code requirements	Camp Montrond
14769C	BAF-FP-120709-340	Building 14769C main exit door swings inward against the direction of egress	Camp Montrond
14882	BAF-FP-120709-341	Building 14882 has flammable combustible storage under the egress stairs	Camp Montrond
14782	BAF-FP-120709-342	he exit stair for building 14782 does not meet requirements for consistent, even treads and risers	Camp Montrond
CM	BAF-FP-120709-343	Billeting structures (sleeping quarters) do not have adequate fire separation between buildings	Camp Montrond
15805	BAF-FP-120709-344	Building 15805, "Motel 8", contains an area of higher hazard that is not separated by fire-rated construction	
24095	BAF-FP-120709-345	Building 24095 has an unprotected fire hydrant	
24095	BAF-FP-120709-346A	The building 24095 fire hydrant pumper connection is orientated wrong	
BAF	BAF-FP-120709-347A	Building fire alarm systems are not connected to the base fire department	
16844	BAF-FP-120709-348	The building 16844 fire alarm control panel has a trouble alarm signal	

## Appendix C Continued

### Notice of Concerns and Responses - BAF

#### *CENTCOM Response to BAF NOCs (Nov 11, 2012)*



HEADQUARTERS  
UNITED STATES FORCES-AFGHANISTAN  
KABUL, AFGHANISTAN  
APO AE 09356

USFOR-A-JENG

11 Nov 2012

MEMORANDUM FOR Department of Defense Inspector General

SUBJECT: Responses to Notice of Concern (Fire and Electrical Standards)

1. In response to Department of Defense Inspector General (DoD IG) Notice of Concern (NOC)-Compliance with Electrical/Fire Standards at U.S.-controlled and occupied facilities at Bagram Air Field (BAF) (Projects No. D2012-DT0TAD-0001/2), we have attached the corrective actions tracking spreadsheets. The tracking spreadsheets are a collaborative effort between the Bagram Garrison Command, Defense Contract Management Agency (DCMA) North, and Task Force POWER.
2. We agree with most of the findings except as noted in the attached tracking spreadsheets. Some of the electrical findings are allowed variances governed by Technical Directive Bulletins (TDB) issued by TF POWER as Authority Having Jurisdiction (AHJ). These are annotated in the status update comments column.
3. Forty percent (132 of 331) of electrical findings and twenty-five percent of fire findings (85 of 343) have already been corrected. The remainder of the findings are being addressed by TF POWER, Fluor, or deferred to local commanders for corrective action by facility occupants and facility repair projects. Some will be addressed by a formal waiver request process.
4. Non-concur with the recommendation that TF POWER requires additional manpower and believe the DoD IG team misunderstands the role of TF POWER. The DoD electricians are not tasked with physical code deficiency repair at a particular base. Rather, they perform quality assurance and logistics coordination for our 196 contract electrical inspectors across Afghanistan. The government civilian and military staff is sufficient to perform those roles in a comprehensive and outstanding fashion. Theater inspection rates and electrical safety progress are affected by varying the number of contracted teams vice gov't electricians who manage the program.
5. In a typical month, TF POWER electrical inspect & repair teams, overseen by the DoD electricians, identify and repair over 9K life/health/safety (LHS) violations. This is noteworthy progress. As a point of reference, note the 39 LHS issues the DoD IG team identified (w/o repairs) at Bagram over a 1 month period.
6. Non-concur with the recommendation and emphasis on fire protection plans in base camp master plans as a solution for fire code discrepancies. This is not a required component of a base camp master plan and it will not eliminate any root causes for the findings discovered in the DoD



IG inspection. There are sufficient fire protection standards for contingency environments.

Please reference the following partial list of relevant publications:

- a. AF Engineering Technical Letter (ETL) 09-4: Fire Protection Engineering Criteria – Expeditionary and Force Projection Operational Theaters
- b. USCENTCOM regulation 415-1, Construction and Base Camp Development in the USCENTCOM Area of Responsibility “The Sand Book”
- c. ARCENT Policy letter dated 15 Jul 09, Fire Safety Management & Design Policy for Construction in the USARCENT AOR
- d. DoD is currently scheduled to release a new UFC governing contingency construction in Nov 2012

7. The root causes for a significant number of fire findings includes an historic difficulty to properly sustain systems with skilled labor and base leadership challenges to access a repair contracting mechanism for fire suppression and fire alarm systems. There have been recent improvements in both areas. In summer of 2012, the LOGCAP Program Office and TF POWER collaborated to gain a contracting officer determination that fire systems are now considered in-scope for LOGCAP support contracts. These systems are being added to contracts at enduring bases. Additionally, TF POWER is teaming with USACE to develop and make available a Multiple Award Task Order Contract (MATOC) for fire systems. Designs for the first MATOC fire system repairs are scheduled to start in Jan 2013.

8. Point of contact for this action is [REDACTED]



GREGORY L. McCLURE  
Colonel, USAF  
Director, TF POWER

Attachments:

- 1. Electrical Status Update
- 2. Fire Finding Status Update

## BAF ELECTRICAL FINDINGS

### TOTALS

Complete	132
Building Occupant Issue	93
In Progress	65
Not Started	29
Variance	11
TOTAL	330

### Legend

EU	END USER ITEM
LHS	LIFE, HEALTH, SAFETY
NMI	NEED MORE INFO
NON LHS	NOT A LHS
NOT ELEC.	NOT AN ELECTRICAL ISSUE
PRIME POWER	PRIME POWER
TDB	TECHNICAL DIRECTION BULLETIN

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
25120C	BAF-EL-120709-001	Two air-conditioning units in building 25120C were found permanently wired to power with no visible means of disconnecting in the case they malfunction or maintenance is required.	Yes	Variance		TDB	Covered By TDB issued by TF POWER	
25120C	BAF-EL-120709-002A	There is an inadequately closed opening in which conductors enter the junction box in Building 25120C.	Yes	Complete		NON LHS	OPENED / CLOSED WO 14424038	
25048	BAF-EL-120709-004	There is an unused opening in the distribution panel outside Building 25048	Yes	In Progress		LHS/PRIME POWER	Will plug opening	
25048	BAF-EL-120709-005A	There is inadequate working clearance in front of an air-conditioner disconnect outside Building 25048	Yes	In Progress		NON LHS	Contract or Waiver	
25118B	BAF-EL-120709-006	The service entrance cable outside of building 25118B is not properly supported	Yes	Complete		NON LHS	OPENED / CLOSED WO # 13614858	
25048	BAF-EL-120709-007	There is a Non-Metallic (NM) cable run outside Building 25048 in a location that is not permitted by NFPA 70.	Yes	Complete		NON LHS	OPENED / CLOSED WO 13596097	
25118A	BAF-EL-120709-008	The neutral wire insulation is misidentified in color in building 25118A	Yes	Complete		NON LHS	OPENED / CLOSED WO 14327331	
25118A	BAF-EL-120709-009A	The PVC conduit entering the rear of the panel box is not connected to the panel box in building 25118A	Yes	Complete		NON LHS	OPENED / CLOSED WO 14338441	
25048	BAF-EL-120709-010	There is an improperly routed flexible cord through a hole in the wall in building 25048	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25118A	BAF-EL-120709-011	Electrical Metallic Tubing (EMT) conduit connections at junction boxes are not securely grounded/bonded in building 25118A	NO	Complete		LHS	Repaired	
25048	BAF-EL-120709-012	Two power strips were found run in series inside building 25048	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25048	BAF-EL-120709-013A	A power strip was found to be defective in building 25048	Yes	Complete		EU	Building Occupant Issue: Fixed on the Spot; Power Strip removed by Building Occupant	
25118B	BAF-EL-120709-014	There is no main bonding jumper in the main service equipment panel outside building 25118B	Yes	In Progress		LHS/PRIME POWER	Will verify bonding at transformer. This is theater standard	*
25048	BAF-EL-120709-015	There are no means of disconnect for six air-conditioners outside of building 25048	Yes	Variance		TDB	Covered By TDB issued by TF POWER	
25048	BAF-EL-120709-016	There is an improperly color-coded grounding conductor running from panel 16-4-A-4 outside building 25048	Yes	Not Started		NON LHS	THIS DEFICIENCY WAS UNABLE TO BE LOCATED. Once located the ground conductor will be marked with green tape throughout.	
25059	BAF-EL-120709-017	Power panel 16-14 outside Hanger Building 25059 no longer has a 3-R rain-tight rating and can no longer be properly accessed	NO	In Progress		LHS	Will replace panel	
25118A	BAF-EL-120709-018	The main distribution panel outside building 25118A, a male latrine, has an unused opening and loose bonding locknut	Yes	In Progress		LHS/PRIME POWER	Will plug opening and tighten locknut	
25059	BAF-EL-120709-019	There are numerous flexible cords and cables that have the outer sheath pulled out of plugs or boxes in Aircraft Hanger building 25059	NO	In Progress		NON LHS	Will repair	
25170	BAF-EL-120709-020	There is a chain limiting access to an air-conditioner control box in Building 25170, the Craig Joint Theater Hospital	Yes	In Progress		NON LHS	Will evaluate chain location	
25170	BAF-EL-120709-021	There are unused openings in a generator control box in building 25170, the Craig Joint Theater Hospital	Yes	In Progress		PRIME POWER	Will Plug openings	
25059	BAF-EL-120709-022	A flexible cord is being run under a floor mat and used as a substitute for fixed wiring in Aircraft Hanger building 25059	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
25059	BAF-EL-120709-023A	A receptacle in building 25059, Hangar, C Company Medical room 6-101, along the east wall has reversed polarity	NO	In Progress		LHS	Will be repaired by 30 NOV 2012	
25170	BAF-EL-120709-024	There are improperly located, unprotected batteries connected to a battery charger near the main back-up generator in the Craig Joint Theater Hospital, building 25170	Yes	In Progress		LHS/PRIME POWER	Evaluating for project or battery relocation	
25170	BAF-EL-120709-025A	There are disconnected ground conductors in the emergency generator room and the switch room in building 25170, the Craig Joint Theater Hospital	Yes	In Progress		PRIME POWER	Evaluating for project	
25059	BAF-EL-120709-026	Numerous flexible cords have no grounding contacts in building 25059 Aircraft Hangar.	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
25059	BAF-EL-120709-027	Flexible cords are being used as substitutes for fixed wiring in Aircraft Hangar building 25059	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25059	BAF-EL-120709-028	Non-metallic wiring is surface mounted without protection or proper support throughout the Aircraft Hangar, building 25059	NO	In Progress		NON LHS	TF POWER will repair by DEC 2014	
25170	BAF-EL-120709-030A	The entire standby power system is non-operational in building 25170, the Craig Joint Theater Hospital	Yes	Complete		LHS/PRIME POWER	Repairs in progress	*
25048	BAF-EL-120709-031A	There are numerous electrical code violations associated with the power strip used for some outdoor fence lighting in the west yard of building 25048	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
25059	BAF-EL-120709-032	Circuit breaker panel 16-18-A-4 has unused openings, no "dead front" cover, and inadequate working clearance in the Aircraft Hangar building 25059, gym area	NO	In Progress		LHS	Openings will be plugged and dead front ordered	
25059	BAF-EL-120709-033	A metal pull box has a missing cover in Aircraft Hangar building 25059	NO	In Progress		NON LHS	Cover will be replaced	
25059	BAF-EL-120709-034	A metal receptacle box not securely mounted in Aircraft Hangar building 25059, Gym area	NO	In Progress		NON LHS	Will secure	
25059	BAF-EL-120709-035	Circuit breakers are not properly identified on a sub panel in Aircraft Hangar building 25059	NO	Building Occupant Issue		NON LHS	Building Occupant notified of issue and instructed to correct	
Disney St	BAF-EL-120709-036	There are low hanging overhead power conductors strung along Disney St. A Mine Resistant Ambush Protected Vehicle was found with one of it's antennas in contact with one of the conductors	NO	Complete		LHS	Located communication (AFN) lines, not power lines. Torn loose signal cable which was likely low hanging and torn loose by a vehicle antenna as it drove under. Coiled up the signal cable and secured it against the utility pole so it would not present a trip hazard to pedestrians.	*
25059	BAF-EL-120709-037	There are metal raceway sections that are not electrically continuous (solidly bonded) in the Aircraft Hangar, building 25059	NO	In Progress		LHS	Building Occupant has engage a contract to repair.	
25059	BAF-EL-120709-038	There are wires in contact with sharp metal edges of raceways and enclosures in the Aircraft Hangar, building 25059	NO	In Progress		LHS	Building Occupant has engage a contract to repair.	
25059	BAF-EL-120709-039	A wire was found making a poor connection in sub-panel 16-18-A-1-A in Aircraft Hangar building 25059	NO	In Progress		LHS	Building Occupant has engage a contract to repair.	
25059	BAF-EL-120709-040A	An electrical metallic tubing installation was noted in the Aircraft Hangar, building 25059, with no chaffing bushing installed to protect the wiring from sharp edges	NO	In Progress		NON LHS	Building Occupant has engage a contract to repair.	
25059	BAF-EL-120709-041A	The hangar's high bay lighting Electrical Metallic Tubing (EMT) has an electrical frequency vibration and is warm/hot to the touch in Aircraft Hangar, building 25059	NO	In Progress		LHS	Contract is in place for re-wiring the fixtures. While the write-up does not reference a code violation, conduit overfill is suspect for causing the heating issue.	*
25059	BAF-EL-120709-042	The aluminum metal blank material used to cover a hole on sub-panel 16-18-A-1-A is too thin in the Aircraft Hangar, building 25059	NO	In Progress		NON LHS	Building Occupant has engage a contract to repair.	
25054	BAF-EL-120709-043	There is no main bonding jumper in the main service equipment panel 16-4-B-1 outside building 25054, a male latrine	Yes	In Progress		LHS/PRIME POWER	Will verify bonding at transformer. This is theater standard	*
25048	BAF-EL-120709-044	An unapproved application of underground feeder cable, and an unsecured receptacle box were found upstairs in building 25048, a medical clinic	Yes	Complete		LHS	OPENED / CLOSED WO 14327340	
25170	BAF-EL-120709-045	There are improperly color coded grounding conductors in the Life Safety Board (LDB[sic]) panel enclosure in the Craig Joint Theater Hospital, building 25170	Yes	Complete		NON LHS	OPENED / CLOSED WO 14364279	
25170	BAF-EL-120709-047	There is inadequate working clearance in front of two air-conditioner disconnects located outside the Craig Joint Theater Hospital, building 25170	Yes	Not Started		NON LHS	Will either seek a waiver or engage contract to repair	



Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
25059	BAF-EL-120709-048	A flexible cord is being run through a doorway and exposed to physical damage in Aircraft Hangar, building 25059	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct. May include new circuits in the contract to repair.	
25059	BAF-EL-120709-049	There is inadequate working clearance in front of several electrical panels in the Aircraft Hangar, building 25059	NO	Not Started		NON LHS	Will either seek a waiver or use contract to repair	
25170	BAF-EL-120709-050	Junction box and receptacle box covers are missing or unsecured in the Craig Joint Theater Hospital, building 25170	Yes	Complete		NON LHS	OPENED / CLOSED WO 14339207	
25170	BAF-EL-120709-051	There are unprotected conductors and an unused opening in a pump motor control box in the Craig Joint Theater Hospital, building 25170	Yes	Complete		NON LHS	OPENED / CLOSED WO 14339213	
25170	BAF-EL-120709-052	A standard junction box is installed in a damp location outside the mechanical room, at the Craig Joint Theater Hospital, building 25170	Yes	Complete		LHS	OPENED / CLOSED WO # 13614868	
25170	BAF-EL-120709-053	There are numerous flexible cords and cables that have the outer sheath pulled out of equipment boxes in the Craig Joint Theater Hospital, building 25170	Yes	Complete		LHS	OPENED / CLOSED WO 14339220	
25059	BAF-EL-120709-054	The load connected to the branch circuit in the Aircraft Hangar, building 25059, exceeds the branch circuit capacity	NO	In Progress		LHS	TF POWER will take initial mitigation actions, and building occupant has engaged contract for final repair.	
25170	BAF-EL-120709-055	A liquidtight flexible metal conduit is strapped by non-listed means in the Craig Joint Theater Hospital, building 25170	Yes	Complete		NON LHS	OPENED / CLOSED WO 14339194	
25180	BAF-EL-120709-056	There is a defective Ground-Fault Current Interrupter (GFCI) receptacle in building 25180, the Letterman Barracks	Yes	Complete		LHS	OPENED / CLOSED WO 14411007	*
25118A	BAF-EL-120709-057	A junction box is unsecured in a male latrine, building 25118A	Yes	Complete		NON LHS	CHECKED ALL BOXES, ALL WERE PROPERLY SECURED TO THE WALLS	
25180	BAF-EL-120709-058	There are several loose grounding strap bolts in building 25180, the Letterman Barracks	Yes	Complete		LHS	OPENED / CLOSED WO 14411014	
25180	BAF-EL-120709-059	A flexible cord was found attached to the floor in place of fixed wiring in the Letterman Barracks, building 25180	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25180	BAF-EL-120709-060	There is a broken handle for the main disconnect box outside the Letterman Barracks, building 25180	Yes	Complete		LHS	OPENED / CLOSED WO 13489530	
15817	BAF-EL-120709-061	There are unlisted floor mounted receptacle outlet boxes and listed receptacle outlet boxes missing covers in the Enduring Faith Chapel, building 15817	Yes	Complete		LHS	OPENED / CLOSED WO 13489368	
15817	BAF-EL-120709-062	Three receptacle boxes and receptacle mounting attachments were found loose at the Enduring Faith Chapel, building 15817	Yes	Complete	Enduring Faith Chapel	NON LHS	OPENED / CLOSED WO 14315275	
15817	BAF-EL-120709-063	A main power panel was found severely damaged at the Enduring Faith Chapel, building 15817	Yes	In Progress		LHS/PRIME POWER	Evaluating for project or materials in theater	
15817	BAF-EL-120709-064	Several unused openings were found in distribution panel 15-33.6-A-2 and other electrical boxes at Enduring Faith Chapel, building 15817	Yes	Complete	Enduring Faith Chapel	LHS	OPENED / CLOSED WO 14315263	
15817	BAF-EL-120709-065	Wiring for an air-conditioning unit's disconnect is not protected from water damage outside Enduring Faith Chapel, building 15817	Yes	Complete	Enduring Faith Chapel	NON LHS	OPENED / CLOSED WO 14315269	
15916	BAF-EL-120709-066	A flexible cord was found attached to the baseboard with a drywall screw in the Chapel Annex, building 15916	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
15916	BAF-EL-120709-067	Nonmetallic-sheathed cable (NM) was noted in the Chapel Annex, building 15916, in a surface mounted application which is not approved	Yes	Not Started		NON LHS	A project will be undertaken to repair	
15916	BAF-EL-120709-068	There is inadequate protection for Nonmetallic-sheathed cable and wiring at a light switch box in the Blessed Sacrament Chapel in building 15916	Yes	Complete		NON LHS	OPENED / CLOSED WO # 13614845	
15817	BAF-EL-120709-069	Energized wires were left exposed outside the Enduring Faith Chapel, building 15817	Yes	Complete		LHS	OPENED / CLOSED WO 13489373	
15920	BAF-EL-120709-070	A receptacle junction box is not securely fastened in place at Moral, Welfare & Recreation (MWR), building 15920	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315287	
15920	BAF-EL-120709-071	A Flexible cord is being used as a substitute for fixed wiring at Moral, Welfare & Recreation (MWR), building 15920	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
15813	BAF-EL-120709-072	The grounding electrode conductor for the Safety Office, building 15813, is not protected from physical damage	Yes	Complete		LHS	OPENED / CLOSED WO 14315829	
16534B	BAF-EL-120709-073	An underground feeder (UF) rated cable is used in an unapproved application outside the Century Post, building 16534B, in Camp McCool	Yes	Complete		LHS	OPENED / CLOSED WO 14338450	
16534B	BAF-EL-120709-074	A Service Panel powered directly from a transformer has no disconnecting means or overcurrent protection outside a Sentry Post, building 16534B at Camp McCool	Yes	In Progress	Camp McCool	LHS/PRIME POWER	Will verify bonding at transformer. This is theater standard	*

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
16530	BAF-EL-120709-075	An energized exhaust fan's flexible cord is damaged exposing wire conductors in a male shower, building 16530 in Camp McCool	Yes	Complete		LHS	OPENED / CLOSED WO 13489478	
16533B	BAF-EL-120709-076	There is Nonmetallic (NM) sheathed cable used in an unapproved surface mounted application in the Medical Clinic Bunker 6, building 16533B in Camp McCool	Yes	In Progress	Camp McCool	NON LHS	Project will be undertaken to replace wire with appropriate conductors.	
26002D	BAF-EL-120709-077	There are no readily accessible power disconnection means for Chigo air-conditioning units located at "B Hut" buildings 26002B, 26002C, and 26002D in Camp McCool	Yes	Variance		TDB	Covered By TDB issued by TF POWER	
26002B	BAF-EL-120709-078	There are unprotected energized air-conditioner wires at B Hut 26002B in Camp McCool	Yes	Complete		LHS	OPENED / CLOSED WO 14328330	
15920	BAF-EL-120709-079	There is an unapproved wire splice in an air-conditioner cable at Moral, Welfare & Recreation (MWR), building 15920	Yes	Complete		NON LHS	OPENED / CLOSED WO 13579644	
15849	BAF-EL-120709-080	There is Nonmetallic (NM) sheathed cable used in an unapproved surface mount application at Camp Alpha laundry room/recreation room, building 15849	Yes	Complete	Camp Alpha	NON LHS	OPENED / CLOSED WO 13645720	
15849	BAF-EL-120709-081	There is inadequate working clearance in front of two distribution panels at the Camp Alpha laundry room, building 15849	Yes	Building Occupant Issue	Camp Alpha	EU	Building Occupant notified of issue and instructed to correct	
15849	BAF-EL-120709-082	There is an unused opening in a junction box directly west of distribution panel 15-16.02-B-3 at the Camp Alpha laundry room, building 15849	Yes	Complete	Camp Alpha	LHS	OPENED / CLOSED WO 14315280	
15849	BAF-EL-120709-083	There is a mounting screw missing from a receptacle causing a loose faceplate at the Camp Alpha recreation room, building 15849, upstairs near the stairwell doorway	Yes	Complete	Camp Alpha	NON LHS	OPENED / CLOSED WO 13645715	
15851	<b>BAF-EL-120709-084</b>	There is 4" PVC electrical conduit that is not glued and is separating at the joints outside the Rooster Barracks, building 15851	NO	In Progress	Camp Alpha	NON LHS	Will be repaired by 30 NOV 2012	
15837A	BAF-EL-120709-085	There is Nonmetallic (NM) sheathed cable used in an unapproved application in a "B-Hut", building 15837A in Camp Alpha	Yes	Not Started	Camp Alpha	NON LHS	A project will be undertaken to repair	
15837A	BAF-EL-120709-086	An unsafe junction box was found in a "B-Hut" building 15837A, in Camp Alpha	Yes	Complete	Camp Alpha	LHS	OPENED / CLOSED WO 14315235	
15856A	BAF-EL-120709-087	Two flexible cords were found missing the ground prongs on their plugs in the motor pool repair facility, building 15856A, and outside building 15783 in Camp Alpha	Yes	Building Occupant Issue	Camp Alpha	EU	Building Occupant notified of issue and instructed to correct	*
15783	BAF-EL-120709-088	One portable lampholder was found damaged and another was of the incorrect type at the motor pool repair facility building 15783, Camp Alpha	Yes	Building Occupant Issue	Camp Alpha	EU	Building Occupant notified of issue and instructed to correct	
15783	BAF-EL-120709-089	A heavy duty 60 amp extension cord has its outer sheath pulled out of the junction box's cable clamp and no cable support at the motor pool repair facility, building 15783, Camp Alpha	Yes	Building Occupant Issue	Camp Alpha	EU	Building Occupant notified of issue and instructed to correct	
15783	BAF-EL-120709-090	A receptacle outlet box is not securely fastened to the wall at motor pool repair facility, building 15783, in Camp Alpha	Yes	Complete	Camp Alpha	NON LHS	OPENED / CLOSED WO 14315348	
15783	BAF-EL-120709-091	There is a damaged light fixture with exposed wires in the downstairs stairwell at the motor pool repair facility building 15783, Camp Alpha	Yes	Complete	Camp Alpha	LHS	OPENED / CLOSED WO 13489384	
45127	<b>BAF-EL-120709-092A</b>	Damaged flexible cords and cables were found at buildings 45127 and 45131	NO	In Progress	AFSB Phase V	LHS	Cords will be replaced.	
45131	<b>BAF-EL-120709-093A</b>	An unsafe junction box was found at building 45131	NO	In Progress	AFSB Phase V	LHS	Will be repaired by 30 NOV 2012	
45131	<b>BAF-EL-120709-094A</b>	There is a unsafe light switch with a missing damp/wet location cover found at building 45131	NO	In Progress	AFSB Phase V	LHS	Will be repaired by 30 NOV 2012	
25209	BAF-EL-120709-095	A distribution panel at the PAX terminal, building 25209, was found with a missing dead front panel exposing energized parts to any personnel accessing circuit breakers	Yes	In Progress		PRIME POWER	Non LHS will order deadfront or replace panel	
25209	BAF-EL-120709-096	A desktop mounted power converter/transformer is defective in the CDDOC room in the PAX terminal, building 25209	Yes	Building Occupant Issue	PAX	EU	Building Occupant notified of issue and instructed to correct	
25209	BAF-EL-120709-097	There is inadequate working space in front of electrical panels and a disconnect box in room 62 of the PAX terminal, building 25209	Yes	Complete	PAX	EU	Items removed and adequate clearance exists. Building Occupant notified not to use area as storage.	
25032	BAF-EL-120709-099	There is no illumination in the mechanical room at the Distinguished Visitor's (DV) billeting quarters, building 25032	Yes	Complete		NON LHS	OPENED / CLOSED WO 13656131	
66482	BAF-EL-120709-100	A series of flexible cords were found connected together and routed over a sharp metal brace in the Tarheel Conference Room of building 66482 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	EU	Building Occupant notified of issue and instructed to correct	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
66482	BAF-EL-120709-101A	A receptacle and faceplate were found unsecured and separating from the outlet box in the server room in the Battalion Headquarters, building 66482, in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
66482	BAF-EL-120709-102	An unused opening was found in panel BCP-SERVER-2 in the Battalion Headquarters, building 66482 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	LHS	Building Occupant notified of issue and instructed to correct	
66482	BAF-EL-120709-103	There is a conduit entering through the door opening of a panel in the Battalion Headquarters, building 66482, in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	LHS	Building Occupant notified of issue and instructed to correct	
66482	BAF-EL-120709-104	There are unsupported cables at the Main Distribution Panel-4 of the KIOSK4 Power Distribution Center, beside building 66482 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	PRIME POWER	Building Occupant notified of issue and instructed to correct	
66482	BAF-EL-120709-105	There are unprotected cables running out of a conduit body opening into the back of a panel outside the server room in the Battalion Head Quarters, building 66482 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
66477	BAF-EL-120709-106	A conduit pull box is missing a cover in the Repair and Utility Facility, building 66477 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
66477	BAF-EL-120709-107	There is a damaged dead front cover in a panel enclosure, in the Repair and Utility Facility, building 66477 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
Lift Station 1	<b>BAF-EL-120709-108</b>	There is no overload protection for a new grinder pump motor in the sewage Lift Station 1, at the Detention Facility in Parwan (DFIP)	NO	Building Occupant Issue	DFIP	LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
66482	BAF-EL-120709-109A	Panel BCP-L&P-MP8 is missing a dead front cover leaving energized electrical parts exposed in building 66482 in the Detention Facility in Parwan (DFIP)	Yes	Complete	DFIP	LHS	O&M VERIFIED, LHS NOT PRESENT	
Lift Station 1	<b>BAF-EL-120709-110</b>	The new grinder pump motors in the sewage Lift Station 1 have no disconnecting means, at the Detention Facility in Parwan (DFIP)	NO	Building Occupant Issue	DFIP	NON LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
Lift Station 2	<b>BAF-EL-120709-111</b>	A junction box was found open with conductors exposed to physical damage near Lift Station 2 at the Detention Facility in Parwan (DFIP)	NO	Building Occupant Issue	DFIP	LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
Lift Station 2	<b>BAF-EL-120709-112</b>	There is improperly supported and unsecured conduit at Lift Station 2 of the Detention Facility in Parwan (DFIP)	NO	Building Occupant Issue	DFIP	NON LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
66691	BAF-EL-120709-113	An unapproved junction box cover was found in building 66691, at the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
66691	BAF-EL-120709-114	There is an unprotected ground cable running through a hole in the Medical Housing Unit, building 66691 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
66691	BAF-EL-120709-115	A water heater with inaccessible power wiring was found in the Medical Housing Unit, building 66691 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	LHS	Building Occupant notified of issue and instructed to correct	
66691	BAF-EL-120709-116A	A grounding conductor was found not connected to the grounding electrode at the container building outside the Medical Housing Unit, building 66691, in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	LHS	Building Occupant notified of issue and instructed to correct	
67403	BAF-EL-120709-117	There are unused openings in disconnect boxes in the Vocational Training Center, building 67403 in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	LHS	Building Occupant notified of issue and instructed to correct	
66691	BAF-EL-120709-119	A gutter cover is not securely fastened to the gutter in the Medical Housing Unit, building 66691, in the Detention Facility in Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	NON LHS	Building Occupant notified of issue and instructed to correct	
66594	BAF-EL-120709-120	The receptacle in the electrical room of building 66594 has reversed polarity	Yes	Building Occupant Issue	DFIP	LHS	Building Occupant notified of issue and instructed to correct	
66175	<b>BAF-EL-120709-121</b>	There is an improper connection of conduit in the fire pump room in building 66175 of the Detention Facility in Parwan (DFIP)	NO	Building Occupant Issue	DFIP	NON LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
66179	BAF-EL-120709-122	There is an unsecured junction box cover and a receptacle box cover in the Water Treatment Building in the Detention Facility In Parwan (DFIP)	NO	Building Occupant Issue	DFIP	NON LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
DFIP	BAF-EL-120709-123A	There are numerous instances of improper color coding and marking at the Detention Facility In Parwan (DFIP)	NO	Building Occupant Issue	DFIP	NON LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
66477	BAF-EL-120709-124B	The main panel after the transformer is not grounded to earth in the Repair and Utility Facility, building 66477 in the Detention Facility In Parwan (DFIP)	Yes	Building Occupant Issue	DFIP	LHS/PRIME POWER	Building Occupant notified of issue and instructed to correct	*
66175	BAF-EL-120709-125	There is no automatic battery charging means for the batteries that start the engine that drives the main fire suppression system water pump in the fire pump house, building 66175, in the Detention Facility In Parwan (DFIP)	NO	Building Occupant Issue	DFIP	NON LHS	The DFIP at BAF is no longer American-occupied. Building Occupant notified of issue and advised to correct	
45329	BAF-EL-120709-126	Energized parts are not guarded against accidental contact in a panel by an air-conditioning unit, outside vehicle storage warehouse, building 45329	NO	In Progress		LHS	Repair will be completed by 30 NOV 12	
26107B	BAF-EL-120709-127	The main service disconnect panel is located in the female latrine of building 26107B	Yes	Complete		NON LHS	THE PANEL LOCATED IN THE FEMALE LATRINE IS A CDP, THE MAIN IS NOT IN THE LATRINE BUT LOCATED ON THE OUTSIDE 16-05-B-2-1	
25209	BAF-EL-120709-128	There is a section of electrical metallic tubing (EMT) that is not properly fastened at the PAX terminal, building 25209	Yes	Complete		NON LHS	OPENED / CLOSED WO 14328409	
25209	BAF-EL-120709-129	There is a receptacle faceplate missing at PAX terminal, building 25209	Yes	Complete		LHS	OPENED / CLOSED WO 13489543	
25209	BAF-EL-120709-130	A flexible cord was not properly attached to the cord's plug at the PAX terminal, building 25209	Yes	Building Occupant Issue	PAX	EU	Building Occupant notified of issue and instructed to correct	
25032	BAF-EL-120709-131	There is an unused opening in a junction box at Distinguished Visitor's (DV) billeting quarters building 25032	Yes	Complete		LHS	OPENED / CLOSED WO 14327275	
25209	BAF-EL-120709-132	A small refrigerator was found with an improper splice in the flexible cord in the palletization room of the PAX terminal, building 25209	Yes	Building Occupant Issue	PAX	EU	Building Occupant notified of issue and instructed to correct	
15805	BAF-EL-120709-133	Power strips were found run in series in buildings 15804 and 15805	Yes	Building Occupant Issue	Motel 6	EU	Notified Bldg Safety POC, SFC Waites.	
15805	BAF-EL-120709-134	There are no readily accessible power disconnecting means for Chigo air-conditioning units located at buildings 15804 and 15805	Yes	Variance		TDB	Covered By TDB issued by TF POWER	
15805	BAF-EL-120709-135	There are exposed and abandoned energized wires outside Motel 8, building 15805	Yes	Complete		LHS	OPENED / CLOSED WO 13489379	
15805	BAF-EL-120709-136	There are unused openings in the panel box inside Motel 8, building 15805	Yes	Complete	Motel 8	LHS	OPENED / CLOSED WO 14315254	
15804	BAF-EL-120709-137	A flexible cord was found routed through a doorway in Motel 6, building 15804	Yes	Complete	Motel 6	NON LHS	Work Order submitted and new convenience outlets were installed	
15804	BAF-EL-120709-138	There is inadequate working clearance in front of two power panels in Motel 6, building 15804	Yes	Complete		EU	This item is complete, adequate clearance visible	
15804	BAF-EL-120709-139	Electrical metallic tubing (EMT) conduit was found damaged in Motel 6, building 15804	Yes	Complete	Motel 6	NON LHS	OPENED / CLOSED WO 14315349	
15804	BAF-EL-120709-140	There is no lighting provided in a "storage closet" where electrical panels are located in Motel 6, building 15804	Yes	Complete		NON LHS	OPENED / CLOSED WO 13579672	
15854	BAF-EL-120709-141	Several floor mounted receptacle mounting boxes are missing the protective receptacle covers at Camp Alpha Gym, building 15854	Yes	Complete	Camp Alpha	LHS	OPENED / CLOSED WO 13489356	
15735	BAF-EL-120709-142	Two plug ground prongs were found broken off inside wall receptacles in Camp Alpha, one in the Joint Operation Center (JOC), building 15735 and one in the Chapel Annex, building 15835A	Yes	Complete	Camp Alpha	NON LHS	OPENED / CLOSED WO 14315322	*
15835B	BAF-EL-120709-143	A flexible cord (power strip) is used as a substitute for fixed wiring at Camp Alpha Commons Memorial Chapel, building 15835B	Yes	Building Occupant Issue	Camp Alpha	EU	Building Occupant notified of issue and instructed to correct	
15835B	BAF-EL-120709-144	There are nonmetallic, plastic, "nail on" style receptacle outlet boxes used in an unapproved application in building 15835B at Camp Alpha	Yes	Complete	Camp Alpha	LHS	OPENED / CLOSED WO 14315218	
15843	BAF-EL-120709-145	A receptacle outlet located within 6 feet of a sink is not GFCI protected at the Speer Clinic, building 15843, in Camp Alpha	Yes	Complete	Camp Alpha	LHS	OPENED / CLOSED WO 13489361	*

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
15843	BAF-EL-120709-146	There is a Nonmetallic (NM) sheathed cable used in an unapproved application at the Speer Clinic, building 15843, Camp Alpha	Yes	Complete	Camp Alpha	NON LHS	OPENED / CLOSED WO 13645721	
15843	BAF-EL-120709-147	There are no readily accessible means of disconnect for air-conditioners outside of the Speer Clinic, building 15843, in Camp Alpha	Yes	Variance	Camp Alpha	TDB	Covered By TDB issued by TF POWER	
15915	BAF-EL-120709-148A	There is an open ground circuit and reversed polarity condition at all wall receptacles tested in building 15915, Military Police Station/Bagram Provost Marshal Office	Yes	Complete		LHS	OPENED / CLOSED WO 13530081	
15915	BAF-EL-120709-149	There is an unlocked knife switch power panel at Military Police Station/Bagram Provost Marshal Office, building 15915	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
32470B	<b>BAF-EL-120709-150</b>	There is no main bonding jumper in the first disconnecting means in the service panel in the Power Station Control Building, 32470B	NO	Complete		LHS	Verified the respective transformer Xo and Ground were bonded. This is the bonding method used in theater.	*
15915	BAF-EL-120709-151	There is an exposed underground service entrance cable that is not protected from damage entering the Military Police Station/Bagram Provost Marshal Office, building 15915	Yes	Complete		LHS	OPENED / CLOSED WO # 13614828	
24094	BAF-EL-120709-152	The grounding contacts are missing from some shredder power cord plugs in the Garrison Command Building, 24094	Yes	Building Occupant Issue	Garrison Bldg	EU	Building Occupant notified of issue and instructed to correct	*
32470B	<b>BAF-EL-120709-153</b>	The panel doors of the "Balance of Plant Panel (SCADA) 00-BOP-PANEL" are not adequately bonded to the enclosure in the Power Station Control Building, 32470B	NO	Complete		LHS	bonded the doors.	
24094	BAF-EL-120709-154	There were several examples of power strips and extension cords found run in series in rooms 112, 114, 213, and the Main Conference Room in the Garrison Command Building, building 24094	Yes	Building Occupant Issue	Garrison Bldg	EU	Building Occupant notified of issue and instructed to correct	
24094	BAF-EL-120709-155	There are no readily accessible power disconnection means for Chigo type air-conditioning units located at the Garrison Command Building 24094	Yes	Variance		TDB	Covered By TDB issued by TF POWER	
14993	BAF-EL-120709-156	There is inadequate working clearance in front of electrical panel 15-4-B-3 in the Dragon Arena/ Basketball Court Tent, building 14993	Yes	Complete		EU	Verified that there is adequate working room and panel opens to 90 degrees; bleacher was moved.	
24094	BAF-EL-120709-157	There are electrical receptacles filled with paint at the Garrison Command, building 24094	Yes	In Progress	Garrison Bldg	EU	Building Occupant submitting work order	
14993	BAF-EL-120709-158	There is an unused opening in an outlet box in the Dragon Arena/ Basketball Court Tent, building 14993.	Yes	Complete		LHS	OPENED / CLOSED WO 14315309	
14993	BAF-EL-120709-159	There is a floor use type receptacle outlet box missing its cover in the Dragon Arena/Basketball Court Tent, building 14993	Yes	Complete		LHS	OPENED / CLOSED WO 13489411	
14993	BAF-EL-120709-160	There is a loose receptacle box in the Dragon Arena Basketball Court Tent, building 14993	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315316	
14993	BAF-EL-120709-161	There is an open ground circuit in an extension cord tested in the Dragon Arena Basketball Court Tent, building 14993	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
15920	BAF-EL-120709-162	There is a distribution panel missing the circuit directory at Moral, Welfare & Recreation (MWR) building 15920	Yes	Complete		NON LHS	OPENED / CLOSED WO 13579622	
25209	BAF-EL-120709-163	A defective Ground-Fault Circuit Interrupter (GFCI) was observed on the outside wall of PAX terminal, building 25209	Yes	Complete		LHS	OPENED / CLOSED WO 14328401	*
15804	BAF-EL-120709-164	There are several lampholders with broken and missing parts mounted on the exterior walls of Motel 6, building 15804	Yes	Complete		LHS	OPENED / CLOSED WO 13579657	
15804	BAF-EL-120709-165	There are numerous flexible cords being used as a substitution for fixed wiring in "Motel 6", building 15804	Yes	Complete	Motel 6	EU	New convenience receptacles installed	
24094	BAF-EL-120709-166	There is a metal pull box not grounded/bonded in the Female latrine room 106 at the Garrison Command Building, 24094	Yes	Complete		LHS	OPENED / CLOSED WO 13489492	
24094	BAF-EL-120709-167	There is a junction box with exposed energized wiring near the attic access ladder in the Garrison Command Building 24094	Yes	Complete		LHS	OPENED / CLOSED WO 13489504	
14993	BAF-EL-120709-168	A flexible cord was found missing the ground prong on the plug in the Dragon Arena/Basketball Court Tent, building 14993	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
14843A	BAF-EL-120709-169	There are numerous instances of Nonmetallic (NM) sheathed cable used in unapproved applications throughout the Main Post Exchange, building 14843A	Yes	In Progress	Main Post Office	NON LHS	Will be repaired by DEC 2014	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
25108	BAF-EL-120709-170	Standard interior receptacles are installed on the outside of building 25108, where weatherproof boxes and Ground-Fault Circuit Interrupter (GFCI) protected receptacles are required	NO	In Progress		LHS	Circuit Has been locked out and replacement material will be installed by 30 NOV 2012	*
25108	BAF-EL-120709-171	There are numerous instances of Nonmetallic (NM) sheathed cable used in unapproved applications throughout the "The Attic", building 25108	NO	In Progress		NON LHS	Contract est. time line to rewire facility 3 weeks	
14843A	BAF-EL-120709-172	There are unused openings in junction boxes and panelboards at the Main Post Exchange, building 14843A	Yes	Complete		LHS	OPENED / CLOSED WO 14327324	
14843A	BAF-EL-120709-173	There is inadequate working clearance in front of several panels at the Main Post Exchange, building 14843A	Yes	Building Occupant Issue	Main Post Office	EU	Building Occupant notified of issue and instructed to correct	
14843A	BAF-EL-120709-174	There are several examples of power strips and extension cords found run in series at the Main Post Exchange, building 14843A	Yes	Building Occupant Issue	Main Post Office	EU	Building Occupant notified of issue and instructed to correct	
14843A	BAF-EL-120709-175A	A power strip receptacle was found with an open ground circuit and reversed polarity condition in the "cashier's cage" of the Main Post Exchange, building 14843A	Yes	Building Occupant Issue	Main Post Office	EU	Building Occupant notified of issue and instructed to correct	
14843A	BAF-EL-120709-176	A dry location junction box was found being used in a damp/wet location outside of the Main Post Exchange, building 14843A	Yes	Complete		NON LHS	OPENED / CLOSED WO 14338463	
14843A	BAF-EL-120709-177	There are no readily accessible power disconnecting means for the refrigeration coolers in the Main Post Exchange, building 14843A	Yes	Not Started		NMI	THIS DEFICIENCY WAS UNABLE TO BE LOCATED	
Power Plant	BAF-EL-120709-178	There is an open wire-way near the center of the dike of the fuel storage tank area outside the power plant	NO	Complete		LHS	Team I58 located an open wireway in the dike containment portion of the fuel storage area at the power plant. We installed an LB cover.	
14843A	BAF-EL-120709-179	A flexible cord is used in an unapproved manner being routed through a hole in the wall in the Main Post Exchange, building 14843A	Yes	Building Occupant Issue	Main Post Office	EU	Building Occupant notified of issue and instructed to correct	
14843A	BAF-EL-120709-180	There is an ineffective ground rod connection outside the Main Post Exchange, building 14843A.	Yes	Complete		LHS	OPENED / CLOSED WO 14327294	
Power Plant	BAF-EL-120709-181	There is a damaged conduit with insulated conductors exposed within the fuel tank storage dike area at the Power Plant	NO	In Progress		LHS	These are data cables and the installation will be repaired once final site conditions have been completed.	
25108	BAF-EL-120709-182	There is an unused opening in an outlet receptacle box in the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	NO	Complete		LHS	Repaired by TF POWER	
25108	BAF-EL-120709-183	There are numerous missing light bulbs on a light string on the outside of the building at the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25108	BAF-EL-120709-184	A flexible cord has the outer sheath pulled out of the rear of the plug at the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	NO	Complete		NON LHS	Repaired by TF POWER	
25108	BAF-EL-120709-185	There is inadequate working clearance in front of a circuit panel at the Air Force Moral Welfare and Recreation (MWR) Center, building 25108	NO	Not Started		NON LHS	Will evaluate for waiver or contract repair	
25108	BAF-EL-120709-186A	An AR-5000 power convertor was found showing an open ground circuit and reversed polarity condition at the Air Force Morale Welfare and Recreation (MWR) Center, building 25108	NO	Building Occupant Issue		NMI	Could not locate transformer/polarity on all test receptacles showed proper configuration	
27328	BAF-EL-120709-187	There is inadequate working clearance in front of the disconnect box for the jockey pump in the AC-130 Hangar Fire Pump House, building 27328	NO	Not Started		NON LHS	Will evaluate for waiver or contract repair	
27328	BAF-EL-120709-188	There are improperly color coded insulated grounding conductors in the AC-130 Hangar Pump House, building 27328	NO	In Progress		NON LHS	Will identify conductors with proper color phase tape.	
27331	BAF-EL-120709-189	There are inaccessible junction boxes in a hallway and office room area in the AC-130 Hangar, building 27331	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
27337	BAF-EL-120709-190	There is inadequate working clearance in front of several panels in the Sheet Metal Shop, building 27337	Yes	Not Started		EU	Flight Line Pass being requested	
27328	BAF-EL-120709-191	There is no automatic charging means for the fire pump batteries in the AC-130 Hangar Fire Pump House, building 27328	NO	Not Started		NON LHS	Contract will be established to install battery chargers	
27328	BAF-EL-120709-192	The jockey pump disconnect is not properly grounded in the Fire Pump House for the AC-130 Hangar, building 27328	NO	In Progress		LHS	Will be repaired by TF POWER	
27331	BAF-EL-120709-193	Multiple extension cords are plugged into each other ("daisy chained") and are of the wrong type at the AC-130 Aircraft Hangar, building 27331	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	



Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
27337	BAF-EL-120709-194	There are unsecured receptacles and a faceplate in the Sheet Metal Shop, building 27337	Yes	Not Started		NON LHS	NEED A FLIGHT LINE BADGE TO ENTER THIS AREA, IN PROGRESS OF CONTACTING STACY COKER FOR APPLICATION	
27328	<b>BAF-EL-120709-195</b>	There is a loose ground connection in the AC-130 Hangar Fire Pump House, building 27328	NO	In Progress		LHS	Contract repair	
27331	BAF-EL-120709-196	There are live parts not being guarded from contact, by an approved enclosure, in the smoke shack outside of the AC-130 Hanger, building 27331	Yes	Not Started		LHS/EU	Will be repaired	
27331	BAF-EL-120709-197	Two flexible cords were found to be missing the grounding contact pin (ground prong) in the AC-130 Aircraft Hangar, Building 27331	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
27331	BAF-EL-120709-198	A flexible cord (extension cord) has the outer sheath pulled out of the plug exposing the conductor wires to damage at the AC-130 Aircraft Hangar, building 27331	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
27337	BAF-EL-120709-199	There is a flexible cord with a broken ground prong found in the Sheet Metal Shop, building 27337	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
25021	<b>BAF-EL-120709-200</b>	There is inadequate working clearance in front of the electrical panel in the transient lodging tent, building 25021	NO	Not Started	Camp Cunningham	NON LHS	contract or waiver	
25021	<b>BAF-EL-120709-201</b>	There is an unsupported switch box hanging by conductors in Hotel California, building 25021	NO	Complete	Camp Cunningham	LHS	TFP Repair	
27331	BAF-EL-120709-202	There are two Liquidtight Flexible Metal Conduit (LFMC) fittings not properly connected at the AC-130 aircraft hangar, Building 27331	Yes	Not Started		EU	Will be repaired by LOGCAP contractor	
27331	BAF-EL-120709-203	There is a service disconnect located inside of a bathroom in the shower stall at the AC-130 Aircraft Hangar, building 27331	Yes	Complete		LHS	OPENED / CLOSED WO 14338507	
27331	BAF-EL-120709-204	There are two light fixtures in the men's latrine that are no longer suitable for use in a "damp/wet" location in the AC-130 Aircraft Hangar, building 27331	Yes	Complete		LHS	OPENED / CLOSED WO 14328380	
25021	<b>BAF-EL-120709-205</b>	There was a multiple outlet device connected to an extension cord (daisy chained) in the transient housing tent, building 25021	NO	Building Occupant Issue	Camp Cunningham	EU	Building Occupant notified of issue and instructed to correct	
25018	<b>BAF-EL-120709-206</b>	A flexible cord was found used in place of fixed wiring in the hallway in Camp Cunningham Housing, building 25018	NO	Complete	Camp Cunningham	NON LHS	TFP Repair	
25012	<b>BAF-EL-120709-207</b>	There is an unsecured conduit pull box cover connection to a generator outside of Camp Cunningham Housing, building 25012	NO	Complete	Camp Cunningham	NON LHS	TFP Repair	
25012	<b>BAF-EL-120709-208</b>	There are several missing or broken receptacle faceplates in Camp Cunningham Housing, building 25012	NO	Complete	Camp Cunningham	LHS	TFP Repair	
25012	<b>BAF-EL-120709-209</b>	There are several light fixtures missing covers in Camp Cunningham Housing, building 25012	NO	Complete	Camp Cunningham	NON LHS	TFP Repair	
25012	<b>BAF-EL-120709-210</b>	A junction box was found with a missing cover in Camp Cunningham Housing, building 25012	NO	Complete	Camp Cunningham	NON LHS	TFP Repair	
25003	<b>BAF-EL-120709-211</b>	There is inadequate working clearance in front of electrical panels in Camp Cunningham Housing, building 25003	NO	Not Started	Camp Cunningham	NON LHS	Contract or waiver	
25003	<b>BAF-EL-120709-212</b>	There are several light fixtures missing covers in Camp Cunningham Housing, building 25003	NO	In Progress	Camp Cunningham	NON LHS	Bldg is currently under construction per Change Order 1029--all deficiencies being corrected.	
25018	<b>BAF-EL-120709-213</b>	The grounding and grounded conductors are improperly color coded in Camp Cunningham Housing, building 25018	NO	In Progress	Camp Cunningham	NON LHS	TFP Repair	
25003	<b>BAF-EL-120709-214</b>	There is a defective Ground-Fault Circuit Interrupter (GFCI) receptacle in a latrine in Camp Cunningham Housing, building 25003	NO	Complete	Camp Cunningham	LHS	Repaired	*
25003	<b>BAF-EL-120709-215</b>	Electrical Nonmetallic Tubing (ENT) is not continuous and therefore not providing the proper conductor protection in building 25003	NO	In Progress	Camp Cunningham	NON LHS	Bldg is currently under construction per Change Order 1029--all deficiencies being corrected.	
25003	<b>BAF-EL-120709-216</b>	There are no means of disconnect within sight from water heaters at Camp Cunningham Housing, building 25003	NO	In Progress	Camp Cunningham	NON LHS	Bldg is currently under construction per Change Order 1029--all deficiencies being corrected.	
25003	<b>BAF-EL-120709-217</b>	A weatherproof receptacle has its cover broken off at Camp Cunningham Housing, building 25003	NO	In Progress	Camp Cunningham	LHS	Bldg is currently under construction per Change Order 1029--all deficiencies being corrected.	
25003	<b>BAF-EL-120709-218</b>	There are no readily accessible power disconnecting means for Chigo air-conditioning units located at Camp Cunningham Housing, building 25003	NO	Variance	Camp Cunningham	NON LHS	Covered By TDB issued by TF POWER	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
25112	BAF-EL-120709-219	There are unused openings in a light switch box and junction box at the Old Russian Tower, building 25112	NO	In Progress		LHS	TFP Repair	
25003	BAF-EL-120709-220	The insulated conductors hanging in the showers in building 25003 are not listed for wet/damp locations and are not properly terminated to the junction box	NO	In Progress	Camp Cunningham	LHS	Bldg is currently under construction per Change Order 1029--all deficiencies being corrected.	
24299	BAF-EL-120709-221	Several outlet devices (power strips) and extension cords were found connected in series at the USO, Building 24299	Yes	Building Occupant Issue	USO	EU	Building Occupant notified of issue and instructed to correct	
25023A	BAF-EL-120709-222	There is an unused opening in a junction box in a male latrine, building 25023A	Yes	Not Started	Cunningham	LHS/EU	Will be repaired by LOGCAP contractor	
25023A	BAF-EL-120709-223	A Ground-Fault Circuit Interrupter (GFCI) receptacle outlet box was found with a broken cover at a male latrine in Camp Cunningham, building 25023A	Yes	Not Started	Cunningham	LHS/EU	Cover will be replaced	*
25117A	BAF-EL-120709-224	There are floor use receptacle outlet boxes missing the covers in the Pebble Fitness Center, building 25117A	Yes	Complete		LHS	OPENED / CLOSED WO 14338477	
25117A	BAF-EL-120709-225	A grounding prong was found broken off inside a floor receptacle in the Pebble Fitness Center, building 25117A	Yes	Not Started		LHS	Receptacle will be replaced	*
25117A	BAF-EL-120709-226	There is inadequate working clearance in front of the electrical panel in the Pebble Fitness Center, building 25117A	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25117A	BAF-EL-120709-227	Non-metallic wiring is surface mounted without proper protection or support in the Pebble Fitness Center, building 25117A	Yes	Not Started		NON LHS	FORCE PROTECTION, AWAITING DIRECTIONS	
25218	BAF-EL-120709-228	A grounding prong was found broken off inside a floor receptacle in the Learning Resource Center, building 25218	Yes	Not Started		LHS	Receptacle will be replaced	*
25218	BAF-EL-120709-229	There are two outlet boxes missing covers in the Learning Resource Center building 25218	Yes	Complete		LHS	OPENED / CLOSED WO 13489465	
25107	BAF-EL-120709-230	There are numerous flexible cords missing the grounding contacts at The Rock Fitness Center, building 25107	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
25218	BAF-EL-120709-231	There is unsupported nonmetallic (NM) cable throughout building 25218	Yes	Complete		NON LHS	OPENED / CLOSED WO 14339245	
25107	BAF-EL-120709-232	Electrical Metallic Tubing (EMT) is missing locking/bonding nuts at The Rock Fitness Center, Building 25107	NO	In Progress		NON LHS	TFP Repair	
25124A	BAF-EL-120709-233	There are no readily accessible power disconnecting means for the Chigo air-conditioning units in the B-Huts in Camp Cunningham, buildings 25023B and 25124A	Yes	Variance	Cunningham	NON LHS	Covered By TDB issued by TF POWER	
25124A	BAF-EL-120709-234	There is surface mounted non-metallic (NM) cable without proper protection or support units inside and underneath the B-Huts in Camp Cunningham, buildings 25023B, 25023D and 25124A	Yes	Not Started		NON LHS	contract for repair will be initiated	
35587	BAF-EL-120709-235	There are no automatic charging means for the batteries that start the two pump engines in the fire pump room, building 35587 for the Air Traffic Control Tower	Yes	Not Started		NON LHS	Contract will be established to install battery chargers	
25107	BAF-EL-120709-236	A flexible cord was found being used as a substitute for fixed wiring at The Rock Fitness Center, building 25107.	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
25107	BAF-EL-120709-237	Unused openings were found on three junction boxes at The Rock Fitness Center, building 25107	NO	In Progress		LHS	TFP Repair	
25107	BAF-EL-120709-238A	There is a defective Atlas SVC 5000 power convertor/regulator powering the refrigerator in The Rock Fitness Center, building 25107	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
35586B	BAF-EL-120709-239	There is inadequate working clearance in front of several panels in the Air Traffic Control Tower, building 35586B	Yes	Not Started		NON LHS	Waiver or Contract for Repair will be issued	
35991	BAF-EL-120709-240	There is no main bonding jumper connected in the main service disconnect for the building, located outside the Approach Control, building 35991	NO	In Progress		LHS	Will verify bonding at transformer. This is theater standard	*
35586B	BAF-EL-120709-241	There are service disconnects located in two bathroom areas in the Air Traffic Control Tower, building 35586B	Yes	Variance		TDB	PANELS WITH IN BATHROOMS (LATRINES) ARE WITH IN EVERY BATHROOM IN THEATER	
35586B	BAF-EL-120709-242	A Ground-Fault Circuit Interrupter (GFCI) receptacle is not properly secured at the Air Traffic Control Tower, building 35586B	Yes	Complete		LHS	FOUND TWO GFCI'S IN THE WHOLE TRAFFIC CONTROL TOWER AND THEY BOTH WERE PROPERLY SECURED AND WORKING, INSPECTED COMPLETE TOWER	*
35586B	BAF-EL-120709-243	A section of Electrical Metallic Tubing (EMT) is not properly attached to a junction box at the Air Traffic Control Tower, Building 35586B	Yes	Complete		NON LHS	OPENED / CLOSED WO 14424057	
35586B	BAF-EL-120709-244	There is a broken light fixture being supported by the insulated conductors observed outside the Air Traffic Control Tower, building 35586B.	Yes	Complete		LHS	OPENED / CLOSED WO 13489346	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
25209	BAF-EL-120709-245	There is an improper splice in a Tripp-Lite Uninterrupted Power Supply (UPS) power cord found in the PAX terminal, building 25209	Yes	Building Occupant Issue	PAX	EU	Building Occupant notified of issue and instructed to correct	
35586B	BAF-EL-120709-246	There are multiple enclosures without equipment identification labeling in the electrical room of the Air Traffic Control Tower, building 35586B	Yes	Complete		NON LHS	OPENED / CLOSED WO 14424065	
25058	BAF-EL-120709-247	A desktop fan was found hanging from it's flexible cord at the "Snack Shack", building 25058	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
35762	BAF-EL-120709-248	Receptacles installed inside and outside of building 35762 where Ground-Fault Circuit Interrupter (GFCI) protected receptacles are required, were tested and found to not be GFCI protected	NO	In Progress		LHS	TFP Repair	*
35768	BAF-EL-120709-249	There is an unused opening in a panelboard at the Housing Office, building 35768.	NO	In Progress		LHS	TFP Repair	
35768	BAF-EL-120709-250	There is a refrigerator with a missing grounding prong in the Housing Office, building 35768	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	*
27331	BAF-EL-120709-251	There is no dedicated equipment space in front of the motor control center at the AC-130 Aircraft Hangar building 27331	Yes	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
35770	BAF-EL-120709-252A	Three power transformers were found to be defective at the AMC Laundry Facility, building 35770	NO	Building Occupant Issue		EU	Building Occupant notified of issue and instructed to correct	
35770	BAF-EL-120709-253	There is inadequate working clearance in front of the electrical panel in the AMC Laundry Facility, building 35770	NO	Not Started		NON LHS	Contract or Waiver	
35770	BAF-EL-120709-254	There is unsecured and unsupported conduit outside the AMC Laundry Facility, building 35770	NO	In Progress		NON LHS	TFP Repair	
35770	BAF-EL-120709-255	There is a junction box on an outside wall not grounded, and not rated for outdoor use at the AMC Laundry Facility, building 35770	NO	In Progress		LHS	TFP Repair	
35770	BAF-EL-120709-256	There is a flexible cord that has the outer sheath pulled out of plug at the AMC Laundry Facility	NO	In Progress		NON LHS	TFP Repair	
35762	BAF-EL-120709-257	A receptacle faceplate is broken and wires entering the box are not protected from damage at Sabre Recreation Building 35762	NO	In Progress		NON LHS	TFP Repair	
16844	BAF-EL-120709-258	During inspection of building 16844, Water Treatment Plant #2, it was observed that a branch circuit was overloaded	Yes	Complete		LHS	OPENED / CLOSED WO 14315357	
35771C	BAF-EL-120709-259	There is no readily available disconnecting means for an air-conditioner in the Re-locatable Building (RLB) room 246, in building 35771C	NO	Variance		NON LHS	Covered By TDB issued by TF POWER	
35762	BAF-EL-120709-260A	A receptacle tested indicates an open ground circuit and reversed polarity condition at the Sabre Morale, Welfare and Recreation Center (MWR), building 35762	NO	In Progress		LHS	TFP Repair	
24087C	BAF-EL-120709-261	There are no automatic charging means for the fire pump engine batteries in the two Fire Pump Rooms, buildings 24087B and 24087C	NO	Not Started		NON LHS	Contract will be established to install battery chargers	
24095	BAF-EL-120709-262	A flexible cord is being used as a substitute for fixed wiring in the 1st floor conference room of the 455th Air Expeditionary Wing, building 24095	Yes	Building Occupant Issue	455th	EU	Building Occupant notified of issue and instructed to correct	
24095	BAF-EL-120709-263	Power strips were found run in series inside various offices at the 455th Air Expeditionary Wing, building 24095	Yes	Building Occupant Issue	455th	EU	Building Occupant notified of issue and instructed to correct	
24095	BAF-EL-120709-264	Two non-listed power converters were found wired with exposed energized conductors on the outside of the device in the 455th Air Expeditionary Wing (AEW), building 24095	Yes	Building Occupant Issue	455th	EU	Building Occupant notified of issue and instructed to correct	
24095	BAF-EL-120709-265	Three branch circuits were found overloaded in the 455th Air Expeditionary Wing, building 24095	Yes	Complete		LHS	OPENED / CLOSED WO 14315382	
24095	BAF-EL-120709-266	There are improperly secured receptacles with attached faceplate at the 455th Air Expeditionary Wing, building 24095	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315415	
24095	BAF-EL-120709-267	There is an unidentified disconnect in the mechanical room of the 455th Air Expeditionary Wing, building 24095	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315389	
24095	BAF-EL-120709-268	There are two instances of improper conduit connections in the mechanical room of the 455th Air Expeditionary Wing, building 24095	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315430	
24095	BAF-EL-120709-269	A pull box cover was found not properly secured in the mechanical room of building 24095	Yes	Complete		NON LHS	OPENED / CLOSED WO 13656158	
24095	BAF-EL-120709-270	Several broken or missing faceplates and missing receptacles exposing live wires were found in offices in building 24095	Yes	Complete		LHS	OPENED / CLOSED WO 13489508	
24095	BAF-EL-120709-271	An unsafe receptacle junction box was found in the 455th Air Expeditionary Wing, building 24095	Yes	Complete		LHS	OPENED / CLOSED WO 14315401	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
24095	BAF-EL-120709-272	Two flexible cords were found with no plug grounding pin (prongs) in building 24095	Yes	Building Occupant Issue	455th	EU	Building Occupant notified of issue and instructed to correct	*
24095	BAF-EL-120709-273A	Two unlisted European type power convertors/transformers were found with open ground circuit and reversed polarity condition in building 24095	Yes	Building Occupant Issue	455th	EU	Building Occupant notified of issue and instructed to correct	
24095	BAF-EL-120709-274	A defective Ground-Fault Circuit Interrupter (GFCI) receptacle was found in the 2nd floor male latrine in building 24095	Yes	Complete		LHS	OPENED / CLOSED WO 13489513	*
24051	BAF-EL-120709-275	A flexible cord is being used as a substitute for fixed wiring at the MWR 8 Ball movie theater, building 24051	Yes	Complete		EU	DEFICIENCY WAS A MONITOR PATCH CORD FOR COMPUTER/PROJECTOR	
24051	BAF-EL-120709-276	There are no readily accessible power disconnecting means for Chigo air-conditioning units located at MWR 8 Ball, building 24051	Yes	Variance		TDB	Covered By TDB issued by TF POWER	
24051	BAF-EL-120709-277	Two flexible cords were found being improperly used in the MWR 8 Ball, building 24051.	Yes	Complete		EU	Corrected	
24049	BAF-EL-120709-278	There is inadequate working clearance in front of electrical panels and disconnect boxes in the Koele Dining Facility (DFAC), building 24049	Yes	In Progress		NON LHS	Contract or Waiver	
24049	BAF-EL-120709-279	There are energized wires exposed in two junction boxes in the Koele Dining Facility (DFAC), building 24049	Yes	Complete		LHS	OPENED / CLOSED WO 13489487	
24049	BAF-EL-120709-280	A receptacle was noted in building 24049 that was not securely fastened to its outlet box	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315363	
24049	BAF-EL-120709-281	There were two instances found of unprotected surface mounted nonmetallic (NM) cable in the Koele Dining Facility (DFAC), building 24049	Yes	Complete		NON LHS	OPENED / CLOSED WO 13579611	
24051	BAF-EL-120709-282	A transformer was found unlocked and unattended outside of the 8 Ball MWR, building 24051	Yes	In Progress		PRIME POWER	Transformer will be locked	
24049	BAF-EL-120709-283	A flexible power cord was found missing the ground contact on the plug in the Koele Dining Facility (DFAC), building 24049	Yes	Complete		LHS	OPENED / CLOSED WO 13579596	*
24051	BAF-EL-120709-284	An open weatherproof rated electrical panel enclosure was discovered outside of the 8 Ball MWR, building 24051	Yes	Complete	8 Ball MWR	LHS	OPENED / CLOSED WO 14315244	
25132	BAF-EL-120709-285	Two flexible cords were found missing their grounding contacts at the Dragon DFAC Building 25132	Yes	Complete		EU	CORRECTED	*
25132	BAF-EL-120709-286	There are two missing covers on the wiring gutter in the mechanical/electrical room of the Dragon Dining Facility, building 25132	Yes	Complete	Dragon DFAC	NON LHS	OPENED / CLOSED WO 13656103	
25132	BAF-EL-120709-287	Two receptacles are not securely mounted in the outlet boxes at the Dragon DFAC, building 25132	Yes	Not Started		NMI	Unable to locate receptacles	
25132	BAF-EL-120709-288	Two damaged and improperly repaired flexible cords were found in the Dragon Dining Facility, building 25132	Yes	Building Occupant Issue	Dragon DFAC	EU	Building Occupant notified of issue and instructed to correct	
25132	BAF-EL-120709-289	There is an incomplete panel schedule in an electrical panel in the Dragon Dining Facility (DFAC), building 25132	Yes	Complete	Dragon DFAC	NON LHS	OPENED / CLOSED WO 13580757	
25132	BAF-EL-120709-290	A conduit body is missing a cover exposing energized wires inside in building 25132	Yes	Complete	Dragon DFAC	LHS	OPENED / CLOSED WO 13489523	
25132	BAF-EL-120709-291A	Four receptacles are wired incorrectly at the Dragon Dining Facility (DFAC), building 25132	Yes	Complete		LHS	OPENED / CLOSED WO 14383693	*
24049	BAF-EL-120709-292	An octagon junction box was found with an incompatible square cover in the Koele Overflow Dining Facility, building 24049	Yes	Complete		NON LHS	OPENED / CLOSED WO 14315374	
25132	BAF-EL-120709-293	A receptacle was found contaminated with paint at the Dragon DFAC, building 25132	Yes	Complete		NON LHS	OPENED / CLOSED WO 14383712	
25132	BAF-EL-120709-294	A flexible cord powering a "swamp cooler" in building 25132 has the outer sheath pulled out of the plug	Yes	Complete	Dragon DFAC	NON LHS	OPENED / CLOSED WO 13656114	
25132	BAF-EL-120709-295	A defective Ground Fault Circuit Interrupter (GFCI) receptacle was found at the Dragon Dining Facility (DFAC), building 25132	Yes	Complete	Dragon DFAC	LHS	Condition was investigated all GFCI receptacles tested in the facility and unable to duplicate	*
25132	BAF-EL-120709-296	A power strip and extension cord were found daisy chained at the Dragon Dining Facility (DFAC), building, 25132	Yes	Building Occupant Issue	Dragon DFAC	EU	Building Occupant notified of issue and instructed to correct	
25132	BAF-EL-120709-297	A wire with damaged insulation inside a disconnect box was found at Dragon DFAC, building 25132	Yes	Complete		NON LHS	OPENED / CLOSED WO 14339241	
25132	BAF-EL-120709-298	There is no visible means of disconnect for a booster water heater unit at the Dragon Dining Facility (DFAC), building 25132	Yes	Complete		NON LHS	OPENED / CLOSED WO 14364614	
25132	BAF-EL-120709-299	There were unsecured flexible cables suspended from service disconnects at the Dragon Dining Facility (DFAC), building 25132	Yes	Complete	Dragon DFAC	NON LHS	OPENED / CLOSED WO 13656151	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
14977	BAF-EL-120709-300	There were three instances of multiple outlet devices (power strips) and extension cords connected together in the Medical Facility, building 14977, in Camp Montrond	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14977	BAF-EL-120709-301	Several flexible cords were found used improperly and as a substitute for fixed wiring in the Camp Montrond Medical Facility, building 14977	Yes	Complete	Camp Montrond	NON LHS	OPENED / CLOSED WO 14315335	
14977	BAF-EL-120709-302	Two defective European type power convertors/transformers were found that are also not Underwriters Laboratory (UL) listed in the Camp Montrond Medical Facility, building 14977	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14977	BAF-EL-120709-303	There is an unused opening in a junction box in the Camp Montrond Medical Facility, building 14977	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 14315333	
14977	BAF-EL-120709-304	There is unsecured and unsupported Electrical Metallic Tubing (EMT) conduit in the Camp Montrond Medical Facility, building 14977	Yes	Complete	Camp Montrond	NON LHS	OPENED / CLOSED WO 14315340	
14985	BAF-EL-120709-305	There is inadequate working clearance in front of distribution panels at Camp Montrond Dining Facility (DFAC), building 14985	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14985	BAF-EL-120709-306	There are four ceiling fans that have exposed wire exiting Electrical Metallic Tubing (EMT) conduit which is not protected from damage at Camp Montrond DFAC, building 14985	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14985	BAF-EL-120709-307	Numerous flexible cords are missing the grounding contacts at Camp Montrond Dining Facility (DFAC) building 14985	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14977	BAF-EL-120709-308	There are numerous instances of Nonmetallic (NM) sheathed cable used in unapproved applications throughout the Camp Montrond Medical Facility, building 14977	Yes	Complete	Camp Montrond	NON LHS	OPENED / CLOSED WO 14315319	
14882	BAF-EL-120709-309	There are unused openings in two junction boxes in the upstairs shower/laundry room, building 14882	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 13489441	
14782	BAF-EL-120709-310	A receptacle was found recessed into the face plate of the outlet box in Camp Montrond office building 14782	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 14315315	
14985	BAF-EL-120709-311	There are several flexible cords and cables that have the outer sheath pulled out of plugs or boxes at the Camp Montrond DFAC, building 14985	Yes	Complete	Camp Montrond	NON LHS	OPENED / CLOSED WO 14315292	
14985	BAF-EL-120709-312	There is Nonmetallic (NM) sheathed cable used in unapproved applications at the Camp Montrond DFAC, building 14985	Yes	Not Started	Camp Montrond	NON LHS	will be repaired	
14983	<b>BAF-EL-120709-313</b>	There is inadequate working clearance in front of distribution panels in the Camp Montrond Kitchen & Preparation area, building 14983	NO	Not Started	Camp Montrond	NON LHS	Contract or Waiver	
14983	<b>BAF-EL-120709-314</b>	There are numerous flexible cables that are not properly supported at the Camp Montrond DFAC Kitchen, building 14983	NO	In Progress	Camp Montrond	NON LHS	Will be repaired	
14782	BAF-EL-120709-315	Several flexible cords were found with no grounding contacts in the Camp Montrond office building 14782	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14983	<b>BAF-EL-120709-316</b>	A non-approved circuit breaker handle tie was found at Camp Montrond Kitchen, building 14983	NO	In Progress	Camp Montrond	LHS	TFP Repair	
14951	BAF-EL-120709-317	Several instances were found of flexible cords used improperly and as a substitute for permanent wiring in the Joint Operations Command Center, building 14951	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14983	<b>BAF-EL-120709-318</b>	The distribution panel has unused openings allowing access to live wires at Camp Montrond Kitchen & Prep area, building 14983	NO	In Progress	Camp Montrond	LHS	TFP Repair	
14983	<b>BAF-EL-120709-319</b>	Non-listed, plumbing type Polyvinyl Chloride (PVC) conduit was found used in an electrical installation in the Camp Montrond Dining Facility (DFAC) Kitchen, building 14983	NO	In Progress	Camp Montrond	NON LHS	TFP Repair	
14983	<b>BAF-EL-120709-320</b>	A disconnect is subject to excessive radiant heat from nearby stove tops and there is inadequate working clearance around it at the Camp Montrond Kitchen, building 14983	NO	In Progress	Camp Montrond	NON LHS	TFP Repair	
14951	BAF-EL-120709-321	A light switch box cover is missing in the Joint Operations Command Center, building 14951	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 13489440	
14766	BAF-EL-120709-322	A Ground-Fault Circuit Interrupter (GFCI) receptacle cover is missing in the female latrine, building 14766	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 13489455	
14966B	BAF-EL-120709-323	Nonmetallic cable (NM) was incorrectly installed under, building 14966B	Yes	Not Started	Camp Montrond	NON LHS	Will be repaired	

Building	Finding Number	Abstract	MSOW Status	Repair Status	Camp/Location	COMMENTS	ACTION TAKEN	LHS *
14977	BAF-EL-120709-324A	Two European type power convertors/transformers were found that are not Underwriters Laboratory (UL) listed in the Camp Montrond Office Building, 14977	Yes	Building Occupant Issue	Camp Montrond	LHS/EU	Building Occupant notified of issue and instructed to correct	
14769A	BAF-EL-120709-325	There was a broken receptacle faceplate found in the Camp Montrond MWR, building 14769A	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 13489350	
14769A	BAF-EL-120709-326	A flexible cord was found with an improper repair in the game room of the Heredia MWR in Camp Montrond, building 14769A	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14769C	BAF-EL-120709-327	A flexible cord was found with no grounding pin in the Camp Montrond Chapel building 14769C	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14769C	BAF-EL-120709-328	Two instances of flexible cords were found used improperly and as a substitute for fixed wiring in Camp Montrond Chapel, building 14769C	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14767	BAF-EL-120709-329	Two flexible cords were found used improperly and as a substitute for permanent wiring in the Miller Fitness Center, building 14767	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14767	BAF-EL-120709-330	There is an unused opening in two junction boxes in the Miller Fitness Center, building 14767, in Camp Montrond	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 13489448	
14767	BAF-EL-120709-331	Two flexible cords were found improperly repaired in the Miller Fitness Center, building 14767	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14951	BAF-EL-120709-332	There is a defective power strip in the Camp Montrond Joint Operations Center building 14951	Yes	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	*
14985	BAF-EL-120709-333	Circuit breakers are not identified and labeled in an electrical panel at Camp Montrond Dining Facility (DFAC), building 14985	Yes	Complete	Camp Montrond	NON LHS	OPENED / CLOSED WO 13681245	
Camp Montrond RLBS	<b>BAF-EL-120709-334</b>	During the review of the exterior of Camp Montrond Re-locatable Buildings (RLBs), several panels were found to have no circuit directory	NO	Building Occupant Issue	Camp Montrond	EU	Building Occupant notified of issue and instructed to correct	
14767	BAF-EL-120709-335	A ground pin was found broken off in a receptacle in the Miller Fitness Center building 14767	Yes	Complete	Camp Montrond	LHS	OPENED / CLOSED WO 13645723	*
14996	BAF-EL-120709-336	During the review of buildings 14993 and 14996, it was noted the Main Distribution Panel is not safely/correctly connected to the main system grounding electrode at the first disconnecting means, and several sub panels were grounded independently	Yes	In Progress		LHS/PRIME POWER	Evaluating for project	*



## **BAF FIRE FINDINGS**

### **TOTALS**

Complete	85
Seeking Waiver	1
In Progress	255
Variance	2
<b>TOTAL</b>	<b>343</b>

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25118A	BAF-FP-120709-001	Building 25118A does not have automatic fire detection.	Yes	In Progress	USG	Project by contract required	
2505	BAF-FP-120709-002	Building 25055 does not have a functioning smoke detector.	No	Complete	USG	Smoke Detectors have been installed per fire warden responsible for building.	
25118A	BAF-FP-120709-003	Storage shed outside of Building 25118A is labeled with incorrect information on the hazardous materials warning sign (NFPA 704 Diamond)	No	Complete	USG	This deficiency corrected per AHJ NFPA 704 symbols not required at this location per force protection instructions. NFPA 704 placard was removed.	
250048	BAF-FP-120709-004A	There is a lack of emergency lighting and exit signage throughout building 25048	No	Complete	USG	Work Orders for emergency lighting and exit signage ahs been requested per fire warden responsible for building.	
25170	BAF-FP-120709-005	The fire pumps in building 25170, Craig Joint Theater Hospital, are not being tested or maintained	YES	Complete	FLUOR	ACO Has instructed FLUOR to start maintenance and operation inspections of all fire suppression systems to be started within the next few months	
25048	BAF-FP-120709-006	Building 25048 does not have smoke detectors in all rooms.	No	Complete	FIRE WARDEN	Smoke Detectors have been installed per fire warden responsible for building.	
25170	BAF-FP-120709-008	The visual notification devices (strobes) are not synchronized.	No	In Progress	FLUOR	Project by Contract required.	
25170	BAF-FP-120709-009A	Fire hydrant located near the fire pump room at building 25170 is not protected from damage.	No	In Progress	USG	Fire Warden completing Work Order to have Bollards Installed per code	
25118B	BAF-FP-120709-010	Building 25118B does not have automatic fire detection system.	No	In Progress	USG	Project by Contract required.	
25170	BAF-FP-120709-011	Conduit housing fire alarm wiring is not secured.	No	In Progress	FLUOR	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
25170	BAF-FP-120709-12	Building 25170 fire sprinkler seismic bracing is not compliant.	No	In Progress	USG	Further inspection TI from FLUOR to determine installation process with correction of other deficiencies by new repair request.	
25170	BAF-FP-120709-13	Fire department Connection (FDC) is not clearly identified.	No	Complete	USG	Fire Warden Completing Work Order to have new signs installed per code.	
25170	BAF-FP-120709-14A	Materials stored in rooms F117 and F103 of building 25170, is too close to the ceiling within 18"	No	Complete	FIRE WARDEN	Fire Warden removed items and placed them in another location.	
25170	BAF-FP-120709-15	Plumbing, conduit, and duct work penetrating fire rated walls. In numerous instances these penetrations were observed to be lacking fire rated protection.	Yes	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
25170	BAF-FP-120709-16	Sprinkler heads in building 25170, are spaced outside the maximum allowable distance.	No	In Progress	USG	Project by Contract required.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25170	BAF-FP-12709-17A	Patient Rooms in Hospitals Intensive care unit/ emergency ward do not have smoke detectors or visibility from the nurses' station.	No	In Progress	USG	The building O&M was assumed with alarm system in place. Alarm system may be maintained in current arrangement under standard O&M function. Project by Contract required.	
25170	BAF-FP-12709-18A	Insufficient smoke detection in the storage room F103 and Nutritional medicine area.	No	Complete	FIRE WARDEN	Fire warden completing work order to have Battery Operated Smoke detectors installed.	
25170	BAF-FP-12709-19A	An exit corridor within the Hospital obstructed with storage of cleaning supplies.	No	Complete	FIRE WARDEN		
25170	BAF-FP-12709-20	Standard-response sprinkler heads installed in the same compartment as quick-response sprinkler head.	No	In Progress	USG	The building O&M was assumed with alarm system in place. Alarm system may be maintained in current arrangement under standard O&M function. Project by Contract required.	
25170	BAF-FP-12709-22	Hanging signs obstruct water flow from sprinkler heads.	No	In Progress	FIRE WARDEN	Fire warden completing work order to have signs relocated to not obstruct sprinkler heads.	
25170	BAF-FP-12709-21	Door "feet" have been installed, defeating the required self-closing feature of the doors in building 25170	No	In Progress	USG	"Feet" should be removed as doors act as fire stop. Fire Warden advised. Completion will be verified by follow-up inspection.	
25170	BAF-FP-12709-23	Fire doors are not self-latching in the hospital	No	In Progress	USG	Project by Contract required.	
25058	BAF-FP-12709-24A	The stairs serving the occupiable roof deck of building 25058 are out of compliance	NO	Seeking Waiver	USG	Project by Contract required....after risk assessment, a waiver may be sought from CENTCOM.	
25058	BAF-FP-12709-25	Does not have adequate fire suppression systems for the stove	YES	In Progress	FIRE WARDEN	Fire warden completing work order to have the items corrected and suppression system installed as required.	
25050A	BAF-FP-12709-26	Building contains a mixture of highly combustible materials and is located adjacent to building 25048 which is used as a medical clinic	No	In Progress	FIRE WARDEN	Fire Warden completing Operational Risk Assessment and looking for other ways to store this items in another facility.	
25118A, 25118B, 25120C, 25122C	BAF-FP-12709-27	The perimeter of buildings are overgrown with vegetation	No	Complete	FIRE WARDEN	Buildings cleared off vegetations by Fluor buildings scheduled for demolition.	
25120C	BAF-FP-12709-28A	Fire separation distance does not meet code between buildings 25120C and neighboring buildings.	No	In Progress	USG	All wood B-Hut buildings scheduled for demolition FY13. The new buildings will have proper spacing as required. Reference Sand Book space distance requirements adequate for temporary construction.	
25048	BAF-FP-12709-29	A hazardous self-help wooden structure and storage are has been constructed adjacent to building 25048.	No	In Progress	FIRE WARDEN	Follow-up with Fire Warden and facility manager to determine COA for construction of non authorized areas adjacent to buildings.	
25050A	BAF-FP-12709-30	The fire extinguisher at buildings have not been inspected and are improperly mounted.		Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	
25048	BAF-FP-12709-31	The fire extinguisher at buildings have not been inspected and are improperly mounted.	No	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	
25120C	BAF-FP-12709-32	The fire extinguisher at buildings have not been inspected and are improperly mounted.	No	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	
25059	BAF-FP-12709-33	Hangar Building is not protected by a fire suppression system.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25059	BAF-FP-12709-34A	Hanger is not separated from adjacent structures by the minimum separation distance	No	In Progress	USG	This building was accepted in its current location and can not be moved without new construction. A waiver will be sought from CENTCOM	
25059	BAF-FP-12709-35	Hangar has been altered using combustible construction materials.	No	In Progress	USG	The building occupants were informed of the deficiency. Fire Warden will Follow -up for this deficiency will be required to ensure compliance.	
25059	BAF-FP-12709-36	The service and storage area in the Hanger is not separated from other areas in the building by fire rated construction.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
45329	BAF-FP-12709-37	Building has exit doors that are too short	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
45329	BAF-FP-12709-38	The Fire Riser Room door is mislabeled as the Fire Pump Room	No	Complete	USG	Fire warden completed work order to have item completed	
45329	BAF-FP-12709-39	Fire sprinkler pipe joining material does not meet code.	No	In Progress	USG	Project by contract required	
25059	BAF-FP-12709-41B	The means of egress from building sleeping quarters passes through the hangar storage and service bay to get to a point of egress from the building.	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	*
25170	BAF-FP-12709-42	The exhaust vents for the back up generator are supported by sprinkler piping.	No	In Progress	FIRE WARDEN		
25059	BAF-FP-12709-43	Sleeping quarters dead end corridor length exceeds the allowable distance		In Progress	USG	The building occupants were informed of the deficiency. Completing risk assessment to determine whether a waiver or project by contract is required.	*
25059	BAF-FP-12709-44	There is no fire alarm system in the building sleeping quarters.	No	In Progress	USG	Project by contract required, battery operated detectors will be placed in the interim.	*
25059	BAF-FP-12709-45	Sleeping rooms do not have smoke detectors as required.	No	In Progress	FIRE WARDEN	Project by contract required, battery operated detectors will be placed in the interim.	*
25059	BAF-FP-12709-46	doors in the means of egress do not have proper head room and swing direction	No	In Progress	USG	The current storage room is used for MP evidence. Any changes will require re-design and addition of materials to comply with this requirement.	
25059	BAF-FP-12709-47A	door opening widths in the means of egress are less than required.	Yes	In Progress	USG	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25059	BAF-FP-12709-49	An exit from building is partially blocked	No	Complete	FIRE WARDEN	Occupants were informed of the deficiency and elected to correct this deficiency Follow-up will be required to ensure compliance of this deficiency.	
25059	BAF-FP-12709-50	Does not have illuminated exit signs in many locations.	No	In Progress	FIRE WARDEN	Work request initiated by FP	
15817	BAF-FP-12709-51	does not have panic hardware on egress doors.	No	In Progress	FIRE WARDEN	work order initiated by FP	
15817	BAF-FP-12709-52	Missing smoke detectors	No	In Progress	FIRE WARDEN	Fire warden has turned in work order to correct this deficiency awaiting correction.	
25209	BAF-FP-12709-53	Interior exit stairwells are being used for storage in the passenger terminal.	No	Complete	FIRE WARDEN	Occupants were informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency. Upon Follow up Occupants did not submit SOR; SOR initiated by FP	
25209	BAF-FP-12709-54	Passenger terminal fire sprinkler seismic bracing is not compliant	No	In Progress	USG	Project by contract required.	
25209	BAF-FP-12709-55	Sprinkler drain piping is not labeled in the passenger terminal	No	In Progress	FIRE WARDEN	Fire warden has turned in work order to correct this deficiency awaiting correction.	
15813	BAF-FP-12709-56A	Floor level change at door openings exceeds the maximum allowable distance.	No	In Progress	FIRE WARDEN	In accordance with NFPA EXIT path the rise has been exceeded. Fire warden was advised to turn in work request to have this item fixed.	
25209	BAF-FP-12709-57	Modular housing buildings 5868 and 5882 do not provide the required fire sprinkler system.	No	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	*
15813	BAF-FP-12709-58A	smoke detectors are missing or disabled	No	In Progress	FLUOR	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
26003C	BAF-FP-12709-59A	smoke detectors are missing or disabled	No	In Progress	FLUOR	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
26107B	BAF-FP-12709-60A	Egress door was secured from the outside and marked as not an exit.	No	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	
26107B	BAF-FP-12709-61	Fire extinguisher's have not been inspected and is not properly mounted.	No	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
CAMP MCKOOL B-HUTS	BAF-FP-12709-62	B-Huts at Camp Mckool have non compliant exit stairs.	No	In Progress	USG	B-Huts scheduled for demolition FY-13	
15916	BAF-FP-12709-63	Chapel Annex, building missing several smoke detectors.	No	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	
15920	BAF-FP-12709-64	MWR Building 15920 does not have smoke detectors.	No	In Progress	Travis Garland	Fire Warden corrected and has been instructed and trained on proper procedures.	
25059	BAF-FP-12709-65	sleeping quarters are not protected by fire rated walls.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25055	BAF-FP-12709-66	Laundry building 25055 has missing non operational smoke detectors.	No	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures.	
25054	BAF-FP-12709-67	Does not have smoke/heat detectors or carbon monoxide detectors	No	In Progress	USG	This building was accepted in its current location and can not be moved without new construction.	
15817	BAF-FP-12709-68A	Does not have sufficient fire separation distance from building 15819.	No	In Progress	USG	Waiver will be sought from CENTCOM.	
25059	BAF-FP-12709-69	Means of egress travel distance for the hangar sleeping quarters exceeds the allowable distances required by NFPA 101	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	*
15916	BAF-FP-12709-70	does not have panic hardware on egress doors.	No	In Progress	USG	Fire warden has turned in work order to correct this deficiency awaiting correction.	
15916	BAF-FP-12709-71	Main assembly room of the chapel does not have two means of egress.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25180	BAF-FP-12709-72A	Housing building 25180 has partially obstructed means of egress.	No	Complete	FIRE WARDEN		
25059	BAF-FP-12709-73	Fire extinguisher has not been inspected or properly mounted.	Yes	Complete	FIRE WARDEN		
15817	BAF-FP-12709-74	fire extinguishers have not been inspected	Yes	Complete	FIRE WARDEN		
15821A	BAF-FP-12709-75	Fire extinguisher mounted on the exterior of the building has not been inspected.	No	Complete	FIRE WARDEN		
25059	BAF-FP-12709-76	Has raised door thresholds that exceed the allowable height.	No	In Progress	USG	Small contract repair required	
25070	BAF-FP-12709-77	The means of egress for physical Training/Exercise tent is not level	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25180	BAF-FP-12709-79	Building does not have emergency egress lighting.	No	In Progress	FIRE WARDEN	Project by contract required.	
25180	BAF-FP-12709-80	The fire extinguisher has not been inspected	No	Complete	FIRE WARDEN	Occupants were informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
25055	BAF-FP-12709-81A	building laundry has a permanently locked door that is not labeled with a "No Exit" sign.	No	Complete	FIRE WARDEN		
25059	BAF-FP-12709-82	Aircraft Hangar has exit discharge stairs that are non compliant.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
BAF	BAF-FP-12709-83	Plans for construction/renovation projects are not submitted for review by a certified fire inspector and registered fire protection engineer	No	In Progress	USG	Process in place is review of the IFUB Boards. Some plans are reviewed by ITT other plans are sent to the Base Civil Engineer. All MILCON construction projects have full design reviews by all disciplines.	
25175	BAF-FP-12709-84	Medical storage tent has raised threshold at door that exceeds the allowable height.	No	In Progress	FIRE WARDEN		
25175	BAF-FP-12709-85	has no smoke detectors as required.	No	Complete	FIRE WARDEN	Corrected on the spot by occupant	
15916	BAF-FP-12709-86	main assembly room east exit door does not meet door height requirements.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15920	BAF-FP-12709-87	The width of the primary means of egress is too narrow for building.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25180	BAF-FP-12709-88	Medical Staff housing building has fire rated doors that cannot be fully closed.	No	In Progress	USG	Non-density list facility. PWO must initiate alternate means of repair.	*
25170	BAF-FP-12709-89	Fire separation distance does not meet code between buildings 25175 and neighboring buildings.	No	In Progress	USG	A waiver from CENTCOM will be sought	
Camp Alpha	BAF-FP-12709-90	There is a lack on inspection and maintenance on fire extinguishers	NO	Complete	FIRE WARDEN	Fire Warden corrected and has been instructed and trained on proper procedures. Camp Alpha scheduled for demolition FY13	
Camp Alpha	BAF-FP-12709-91	B-Huts at Camp Mckool have non compliant exit stairs.	No	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	
Camp Alpha	BAF-FP-12709-92	Smoke detection is not provided throughout buildings and smoke detectors are not maintained.	No	In Progress	FIRE WARDEN	Battery powered smoke detectors will be installed.	
15735	BAF-FP-12709-93	Excessive dead end corridor exist in building 15735	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15783	BAF-FP-12709-94	Provide exit signage in the vehicle maintenance bay on Camp Alpha	No	Complete	FIRE WARDEN		
15854	BAF-FP-12709-95	The interior foam insulation coating in the rock gym is highly flammable	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15849	BAF-FP-12709-96	The interior foam insulation coating in the rock gym is highly flammable	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15854	BAF-FP-12709-97	A light bulb in the emergency light is inoperative	No	Complete	FIRE WARDEN		
25180	BAF-FP-12709-99	Medical staff housing building has fire alarm manual pull station mounted 37" which is less than 42" required by NFPA 72	No	In Progress	USG	This is not an issue and a waiver will be granted.	
15817	BAF-FP-12709-100	Exit discharge stairs for the chapel, building 15817 are non compliant	No	In Progress	USG	There is a need for panic hardware. Completing risk assessment for the stairs to determine whether a waiver or project by contract is required.	
15920	BAF-FP-12709-101	Stairs for the primary means of egress from the MWR (Dragon) building 15920 are non compliant	No	In Progress	Travis Garland	Completing risk assessment to determine whether a waiver or project by contract is required.	
15920	BAF-FP-12709-102	MWR (Dragon) Building 15920 does not have panic hardware on the egress door and does not have an illuminated exit sign over the main exit door.	No	In Progress	Travis Garland	Completing risk assessment to determine whether a waiver or project by contract is required.	
25032	BAF-FP-12709-103	The fire extinguishers at the distinguished guest quarters, building 25302, are not properly mounted.	No	Complete	FIRE WARDEN		
45122A, 45127, 45131	BAF-FP-12709-104A	Fire Sprinkler systems are not provided for the ARMY Material Command (AMC) 401st Army Field Support Brigade Phase V Lodging Compound	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
45122A, 45127, 45131	BAF-FP-12709-105A	Smoke/heat detection is not provided for the Army Field Support Phase V lodging Compound.	No	In Progress	USG	Project by contract required. Battery powered smoke detectors will be used in the interim.	
25059	BAF-FP-12709-106	A large JP8 fuel storage tank is located with 16 inches of Hangar 25059	No	In Progress	FIRE WARDEN	Fire warden has turned in work order to correct this deficiency awaiting correction.	
25032	BAF-FP-12709-107A	The stair enclosures in the distinguished visitor quarters building 25032 have missing or incorrectly mounted smoke detectors.	No	Complete	FIRE WARDEN		
25032	BAF-FP-12709-108	The means of egress for bldg 25032 ins not protected with a rated barrier.	No	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
24097A	BAF-FP-12709-109A	Temporary office 24097A, an emergency light fixture and illuminated exit sign were non operational during testing, and smoke detector is missing.	No	Complete	FIRE WARDEN		
BAF	BAF-FP-12709-110	There is a general lack of inspection, testing and maintenance for fire protection and life safety systems on Bagram Air Field	No	In Progress	USG	This deficiency is currently being staffed and personnel to start maintenance and testing of all fire alarm and fire suppression systems should begin within 120 days.	
BAF	BAF-FP-12709-111A	The Base master Plan for Bagram Airfield (BAF) lacks an effective fire protection plan.	No	non-concur	USG	This is not a code violation nor required by higher headquarters guidance.	
15920	BAF-FP-12709-112	The perimeter of building 15920 has overgrown vegetation in violation of NFPA and USOFOR-A Fire Prevention Policy	No	Complete	FIRE WARDEN		
25032	BAF-FP-12709-113	The step down from the exit door exceeds the allowable drop from the primary means of egress from bldg 25032.	No	In Progress	FIRE WARDEN	These buildings are temporary and will be replaced by permanent structures which meet or exceed this requirement.	
25059	BAF-FP-12709-114	Building 25059 is not storing all paint in flammable storage cabinets	No	Complete	FIRE WARDEN		
25059	BAF-FP-12709-115	The hazardous material sign does not appropriately reflect the actual hazard of the materials being stored in a storage sheet adjacent to hanger building 25059	No	Complete	FIRE WARDEN		
32470B	BAF-FP-12709-116A	Unit #2 control room, power plant building 32470B, combination emergency/exit light was non operational.	No	Complete	FIRE WARDEN		
15920	BAF-FP-12709-117	The hazardous material sign does not appropriately reflect the actual hazard of the materials being stored in a storage sheet adjacent to hanger building 15920	No	Complete	FIRE WARDEN		
Power Station	BAF-FP-12709-118	Fire extinguishers at the power station are lacking of evidence of routine inspection and maintenance in accordance with NFPA 10	No	Complete	FIRE WARDEN		
32470B	BAF-FP-12709-119	The main control room smoke detector was non operation in power plant building 32470B	No	Complete	FIRE WARDEN		
DFIP	BAF-FP-12709-120	DFIP Buildings lack seismic bracing for the fire suppression system	No	In Progress	USG		
DFIP	BAF-FP-12709-121	The perimeter of the DFIP buildings are overgrown with vegetation	No	Complete	FIRE WARDEN		
66482	BAF-FP-12709-122	The fire extinguisher cabinet in the Headquarters building conference room is empty.	No	Complete	FIRE WARDEN		
66482	BAF-FP-12709-123	Building does not have a complete sprinkler system with 100% coverage.	No	In Progress	401st Fire Warden		*
66482	BAF-FP-12709-124B	Battalion Headquarters, does not have an accessible manual fire alarm pull box at either exit door per NFPA 72		In Progress	401st Fire Warden	Completing risk assessment to determine whether a waiver or project by contract is required.	
67403	BAF-FP-12709-125	building does not have an accessible manual fire alarm pull box at either exit door per NFPA 72		In Progress	401st Fire Warden	Completing risk assessment to determine whether a waiver or project by contract is required.	
DFIP	BAF-FP-12709-126	The facility has fire hydrants that re not protected from damage		In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
66482	BAF-FP-12709-127	An exit door from DFIP Headquarters building 66482 is blocked.		Complete	FIRE WARDEN		
67403	BAF-FP-12709-128	Fire extinguishers at the DFIP have not been inspected and are not properly mounted.		Complete	FIRE WARDEN		



Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
66175	BAF-FP-12709-129	The Fire suppression system for the DFIP is not automatic		In Progress			
66175	BAF-FP-12709-130	An excessive quantity of class 3 oxidizer (Calcium Hypochlorite) is being stored in the fire pump room bldg 66175		In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
66691	BAF-FP-12709-131	Building 66691, Medical Housing unit has a no exit door that is not labeled with a "NO EXIT" sign		In Progress	FIRE WARDEN		
66587	BAF-FP-12709-132	Fire Hose cabinet in bldg 66587 is not readily accessible for fire fighting operations.		In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
DFIP	BAF-FP-12709-133	DFIP Fire Alarm system has multiple troubles and errors.		In Progress	FLUOR	Fluor/ITT Responsible for fire alarm maintenance and inspections. Work should begin within 120 days.	
66482	BAF-FP-12709-134A	Fire suppression is not provided in Battalion Headquarters, Building 66482 under the raised floor		In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
66477	BAF-FP-12709-135	Numerous fire sprinklers are in contact with support hangers and ceiling components in the detection facility bldg 66477		In Progress	USG		
67403	BAF-FP-12709-136	Numerous sprinklers located too closet to ceiling beams in building 67403		In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
66594	BAF-FP-12709-137	Exit door configurations do not allow free and clear egress from operations, building 66594		In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
66587	BAF-FP-12709-138	Concealed type sprinkler head are used in a non listed application in bldg 66587		In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
66691	BAF-FP-12709-139	Fire alarm control panel cannot be accessed in the medical housing unit, building 66691		In Progress	USG	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
15804, 15805	BAF-FP-12709-40	The perimeter of buildings are overgrown with vegetation		Complete	FIRE WARDEN		
15915	BAF-FP-12709-141	Smoke Alarm in building 15915 did not have any UL Listing/Stamp (battery type)	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
15804, 15805	BAF-FP-12709-142	Numerous fire extinguishers are lacking evidence of being inspected on a monthly basis, and the record do not demonstrate that at least the last 12 monthly inspections have been performed	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
15915	BAF-FP-12709-143	fire extinguisher in the military police station building 15915, was lacking evidence of being inspected on a monthly basis.	NO	Complete	FIRE WARDEN		
15915	BAF-FP-12709-144	The egress path way on 2nd level is obstructed	NO	Complete	FIRE WARDEN		
15915	BAF-FP-12709-145	Building does not have emergency lighting	NO	Complete	USG	Non concur with findings as facility has an automatic generator without delay reference NFPA 101, NFPA 1	
15915	BAF-FP-12709-146	Building has insufficient directional exit signage	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance of this deficiency.	
15915	BAF-FP-12709-147	Building has a non exit door that is labeled with an exit sign	Yes	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance.	
15915	BAF-FP-12709-148	Does not have an illuminated exit sign over main exit doors	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency. Follow-up will be required to ensure compliance	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
15804, 15805	BAF-FP-12709-149A	Emergency light fixtures are not functional during testing	NO	In Progress	FIRE WARDEN		
15804, 15805	BAF-FP-12709-150A	Smoke detection is either not provided or were disabled and not properly maintained	NO	In Progress	FIRE WARDEN		
15804, 15805	BAF-FP-12709-151	Interior exit stairwells are being used for storage	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
15804, 15805	BAF-FP-12709-152	Exit stairs for are non compliant	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15805	BAF-FP-12709-153	Motel 8 has insufficient illuminated exit/directional signage	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
15805	BAF-FP-12709-154	There is a significant elevation change on either side of the main entry/exit door for motel 8	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15804, 15805	BAF-FP-12709-155	Second floor fire escape stairs do not meet NFPA code requirements.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15804, 15805	BAF-FP-12709-156	Motel 6 & Motel 8 have only one means of egress on the 2nd floors	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15804, 15805	BAF-FP-12709-157	both buildings have corridor and exit arrangements that violate code	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
14993	BAF-FP-12709-158	Building has obstructed egress from the stage	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25108	BAF-FP-12709-159	Building does not have automatic fire detection	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25108	BAF-FP-12709-160	Does not have emergency lighting	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25108	BAF-FP-12709-161	Fire extinguisher is not mounted and monthly maintenance has not bee regularly conducted.	NO	Complete	FIRE WARDEN		
14843A	BAF-FP-12709-162	Insufficient smoke detector coverage in the post exchange	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14843A	BAF-FP-12709-163	The post exchange does not have panic hardware on the exit doors.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14843A	BAF-FP-12709-164	Post exchange does not have sprinkler protection	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
14843A	BAF-FP-12709-165	Smoke detectors are not properly mounted	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14843A	BAF-FP-12709-166	Fire extinguishers have not been inspected and not properly mounted.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24094	BAF-FP-12709-167	Smoke detectors are not properly located	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24094	BAF-FP-12709-168A	Smoke detectors are not properly located	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14996, 14993	BAF-FP-12709-169	Smoke detectors in building 24094 are non functional and not properly maintained	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
24094	BAF-FP-12709-170	fire extinguishers in building 24094 have not been inspected are not properly mounted	NO	In Progress	FIRE WARDEN		
14996, 14993	BAF-FP-12709-171	Some fire extinguishers in buildings 14996 and 14993 are not properly inspected and maintained	NO	In Progress	FIRE WARDEN		
24094	BAF-FP-12709-172	The minimum required fire separation distance between US Army Garrison Bldg 24094 and surrounding buildings has not been met	NO	In Progress	USG	A waiver from CENTCOM will be sought	
14843A	BAF-FP-12709-173A	Does not have illuminated exit signs in many locations.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24094	BAF-FP-12709-174	The upper corridor in the Bldg 24094 creates a dead end corridor length that exceeds 50 ft. maximum	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-175	There is overgrown brush in the vicinity of Bldg 24094	NO	Complete	FIRE WARDEN	FLUOR Completed removal of vegetation	
14843A	BAF-FP-12709-176	There is overgrown brush in the vicinity of Bldg 14843A	NO	Complete	FIRE WARDEN	FLUOR Completed removal of vegetation	
14843A	BAF-FP-12709-177	Emergency light/exit sign combination device did not function in building 14843A	NO	In Progress	FIRE WARDEN		
25103	BAF-FP-12709-178	Smoke detectors do not function and are not properly located in building 25103, Camp Cunningham Laundry	NO	In Progress	USG		
25103	BAF-FP-12709-179A	The threshold at the entry/exit doors of building 25103, exceeds 1/2"	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
15804, 15805	BAF-FP-12709-180A	The means of egress for buildings 15804 and 15805 exceeds threshold height and changes in floor elevation at the door openings.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-181	Numerous emergency light fixtures in building 24094 were not functional during testing and there is not emergency lighting provided in a lean-to facility that was added on the building.	NO	In Progress	FIRE WARDEN		
24094	BAF-FP-12709-182	Building 24094 has an exit sign that did not illuminate during testing and has directional arrows that indicate the wrong way.	Yes	In Progress	FIRE WARDEN		
24094	BAF-FP-12709-183	Two generators and one fuel tank all with JP8 fuel show 3 different fire hazard signs outside of building	NO	In Progress	FIRE WARDEN		
8882	BAF-FP-12709-184	The tension fabric structures used for the Dragon Gym and the Dragon Arena do not meet minim separation distance requirements.	NO	In Progress	Travis Garland	Facilities are temporary in nature. Size and space do no allow for proper separation distance as required. ORM process approval	
24094	BAF-FP-12709-185	Exit doors have trip hazards	NO	In Progress	USG	The exit pathways will have to go replacement in order to be in compliance. Place work order to fix and bring into compliance.	
24094	BAF-FP-12709-186	Interior exit access stair is not separated from the remainder of the building by fire rated construction.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-187A	Has door openings in the means of egress that are too low	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-188	Non compliant stairs in the means of egress pathway	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
14993	BAF-FP-12709-189	a 50 gallon fuel tank without a means of secondary containment and its with 12 of an occupied dwelling.	NO	In Progress	FIRE WARDEN		
14993	BAF-FP-12709-190	Exit sign on the east exit that does not illuminated during testing and does not have a exit sign over the North Exit.	NO	In Progress	FIRE WARDEN		
BAF	BAF-FP-12709-191	There is no established and documented self-help labor program on BAF	NO	non-concur	USG	This is not a violation of any code requirement and an inappropriate finding.	
24094	BAF-FP-12709-192A	The basement of Bldg 24094 has single means of egress and les than 6' of headroom.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-193	North exit access corridor opens into a wood framed lean-to office	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-194	Basement of building 24094 has no emergency or exit lights.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24094	BAF-FP-12709-195	Second floor exterior exit stair is not protected from fire spreading from fist floor windows and doors of the building.	YES	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27328	BAF-FP-12709-196	ARFF concentrate in use at Hangar 27331 does not conform to military standards	YES	In Progress	USG		
27328, 27331	BAF-FP-12709-197	Seismic bracing is not provided for fire suppression piping in building 27328, 27331	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27337	BAF-FP-12709-198	Building 27337 sheet metal shop, lacks seismic bracing for the fire sprinkler system	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27331	BAF-FP-12709-199	Fire pump house for hangar does not have sufficient separation distance from building 27337 sheet metal shop	NO	In Progress	USG	A waiver from CENTCOM will be sought	
27238	BAF-FP-12709-200	Fire pump house for hangar does not have dielectric fittings on dissimilar material unions and welds.	NO	In Progress	USG		
27331	BAF-FP-12709-201	Hangar fire sprinkler system does not provide complete building coverage.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27328	BAF-FP-12709-202	Fire sprinkler pipe joining material does not meet NFPA 13.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27238	BAF-FP-12709-203	Fire sprinkler deflector in building 27238 does not have sufficient clearance from the ceiling beam.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27238	BAF-FP-12709-204A	Standard spray pendent sprinkler heads are installed in a upright configuration.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27238	BAF-FP-12709-205	The bladder tank in building 27238 appears to have ruptured, allowing the foam and water to mix in the tank.	NO	In Progress	USG	USG will determine options for repair with O & M.	
27331	BAF-FP-12709-206	Pump building 27238 wet pip sprinkler piping does not have seismic protection clearance	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27331	BAF-FP-12709-207	Fire sprinkler detector is obstructed by HVAC duct installation.	NO	In Progress	USG	Project by contract required.	
27331	BAF-FP-12709-208	A sleeping room in building 27331 does not have smoke detector as required.	NO	In Progress	FIRE WARDEN	Battery powered smoke detectors will be installed.	
27337	BAF-FP-12709-209	Fire extinguisher is not properly inspected as required.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
27331	BAF-FP-12709-210	Exit sign on the North exit that did no illuminate during testing.	NO	In Progress	FIRE WARDEN		
25021	BAF-FP-12709-211A	Smoke detectors are not properly located and maintained.	NO	In Progress	FIRE WARDEN		

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25018, 25012, 25003, and 25005A	BAF-FP-12709-212A	Numerous deficiencies were noted with smoke detectors.	NO	In Progress	FIRE WARDEN	project by contract required.	
25112	BAF-FP-12709-213	Smoke/heat detection is not provided in some areas of the building	YES	In Progress	FIRE WARDEN	project by contract required.	
27331	BAF-FP-12709-214	Building 27331 does not have appropriate manual fire alarm pull boxes by all exits.	NO	In Progress	USG	project by contract required.	
27331	BAF-FP-12709-215	Building 27331 has an obstructed fire hydrant that is not protected	NO	In Progress	FIRE WARDEN	project by contract required.	
27328	BAF-FP-12709-216	Foam concentrate piping is not stainless steel or filament-sound fiberglass in building 27238	NO	In Progress	USG	project by contract required.	
27328	BAF-FP-12709-217A	The valves controlling water flow from the water storage tanks are incorrect	NO	In Progress	USG	Project by contract required.	
27337	BAF-FP-12709-218	Sprinkler on the second level, east side of the building is leaking	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
27331	BAF-FP-12709-219	Large ventilation/air-moving units are provided for Hangar 27331 without smoke detection	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27238	BAF-FP-12709-220	There is no supply of spare sprinkler heads in building.	NO	In Progress	USG		
27331	BAF-FP-12709-221	Has wet pip sprinkler deficiencies	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27331	BAF-FP-12709-222	Fire alarm system is non operational	NO	In Progress	FLUOR	FLUOR responsible for Fire Alarm maintenance and O&M	
27331	BAF-FP-12709-223	Extinguisher location sign but no fire extinguisher or hanger.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25023A	BAF-FP-12709-224	Smoke detector in building is disabled	NO	In Progress	FIRE WARDEN	Project by contract required.	
27337	BAF-FP-12709-225	No supply of spare sprinkler heads as required	NO	In Progress	USG		
35587	BAF-FP-12709-226	No supply of spare sprinkler heads as required	NO	In Progress	USG		
25021	BAF-FP-12709-227	Egress is obstructed for building 25021, transient lodging tent	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25003, 25005A, 25012, 25018	BAF-FP-12709-228A	Camp Cunningham Housing B-Huts have obstructed egress.	NO	Complete	FIRE WARDEN		
Camp Cunningham B-Huts	BAF-FP-12709-229A	Camp Cunningham Housing B-Huts have obstructed egress.	NO	Complete	FIRE WARDEN		
25121B	BAF-FP-12709-230	Storage area under stairs that is not separated from stairs by fire resistant construction	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24299	BAF-FP-12709-231	USO Has doors that swing inward against the path of egress.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25112	BAF-FP-12709-232	Building has non compliant exit stairs	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
27331	BAF-FP-12709-233	Pile of combustible scrap lumber and pallets stacked adjacent to building 27331	NO	In Progress	NO		
24299	BAF-FP-12709-234	Smoke detector coverage is lacking in building 24299	NO	In Progress	FIRE WARDEN	Project by contract required.	
25214	BAF-FP-12709-235	There are overgrown weeds and wood pile next to Bldg 25214	NO	In Progress	FIRE WARDEN		
35587	BAF-FP-12709-236	The jockey pump and main fire pumps in building 35587 are turned off.	NO	In Progress	USG	Fluor is responsible for Fire suppression maintenance and should perform a TI to determine the best COA to fix.	
35587	BAF-FP-12709-237	Fire pumps in building 35587, pump house for Air Traffic control tower are not being tested or maintained.	NO	In Progress	USG	Fluor is responsible for Fire suppression maintenance and should perform a TI to determine the best COA to fix.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25003, 25005A, 25012 25018	BAF-FP-12709-238	Means of egress for camp Cunningham housing are not protected with fire rated barrier.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25012, 25003	BAF-FP-12709-239	Buildings have electrical service transformers located too close to the building	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25117A	BAF-FP-12709-240	building tenet has one the two main egress obstructed	NO	Complete	FIRE WARDEN		
25107	BAF-FP-12709-241	Interior fibrous insulation coating in the rock gym is flammable.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	*
25003, 25005A	BAF-FP-12709-242	Housing building exterior exit stairs are not separated from the interior of the building by fire rated self-closing and latching doors	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25003, 25005A	BAF-FP-12709-243	Buildings interior stairs are not protected by a fire barrier.	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25003, 25005A	BAF-FP-12709-244	Fire alarm systems for housing buildings 25003 and 25005A are inoperable.	YES	In Progress	USG	FLUOR responsible for Fire Alarm maintenance and O&M	
25117A, 25218	BAF-FP-12709-245A	Smoke detectors are missing, disabled, not mounted and or located down to low from ceiling.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25218	BAF-FP-12709-246	Fire extinguisher is not properly inspected and maintained	NO	Complete	FIRE WARDEN		
25003, 25005a, 25012, 25018	BAF-FP-12709-247	Non functional emergency lights and emergency exit fixtures.	NO	In Progress	USAG		
25018, 25003, 25005A	BAF-FP-12709-248	Fire extinguishers are not securely mounted.	NO	Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25012, 25018	BAF-FP-12709-249	Door frames with low head clearance.	NO	In Progress	USAG	The building O&M was assumed without a proper fire rated self closing and latching doors. Buildings scheduled for demolition FY13	
25018, 25003, 25005a	BAF-FP-12709-250	Monthly inspection record labels on fire extinguishers indicated that some monthly inspections are not performed.	NO	Complete	FIRE WARDEN		
25023A	BAF-FP-12709-251	Storage shed outside building is labeled with incorrect information on hazardous materials warning sign (NFPA 704 Diamond)	NO	Complete	FIRE WARDEN		
25112	BAF-FP-12709-252	monthly inspection record on 30 Lb. fire extinguisher that some months are not inspected.	NO	Complete	FIRE WARDEN		
25023A	BAF-FP-12709-253	Overgrown vegetation near building 25023A	NO	Complete	FIRE WARDEN		
25214	BAF-FP-12709-254	Rear door egress path is blocked and needs to be marked "NO EXIT"	NO	Complete	FIRE WARDEN		
25121B	BAF-FP-12709-255	Fire alarm circuit breaker is not marked and not protected from tampering.	NO	In Progress	FIRE WARDEN		
25121B	BAF-FP-12709-256	Exit/directional signage illumination is insufficient in building 25121B	NO	Complete	FIRE WARDEN		
25121B	BAF-FP-12709-257	Second floor game room has no exit signs.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
35586B	BAF-FP-12709-258	The interior exit stairwell is being used for storage.	NO	Complete	FIRE WARDEN		
25214	BAF-FP-12709-259	Does not have adequate smoke detector coverage	NO	In Progress	FIRE WARDEN	project by contract required.	
25121B	BAF-FP-12709-260	trash wood piled up adjacent to building	NO	Complete	FIRE WARDEN		



Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25121B	BAF-FP-12709-261	Has non functional emergency lighting fixture	NO	Complete	FIRE WARDEN		
35586B	BAF-FP-12709-262	Fire extinguisher in building 35586B still had the shipping protective caps on them which may prevent discharge.	NO	Complete	FIRE WARDEN		
35586B	BAF-FP-12709-263	Several sprinkler head in building still had the shipping protective caps on them which may prevent discharge.	NO	Complete	FIRE WARDEN		
35586B	BAF-FP-12709-264	Staircase fire doors have missing hardware and do not operate correctly.	Yes	In Progress	USG	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
35586B	BAF-FP-12709-265	Has an obstructed manual fire alarm pull box.	NO	Complete	FIRE WARDEN	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to level the area.	
35586B	BAF-FP-12709-266	Has numerous nonfunctional emergency lighting fixture	NO	Complete	FIRE WARDEN	The building occupants have been informed of this deficiency and have elected to bring this into code compliance by the use of stone gravel to level the area.	
35586A	BAF-FP-12709-267A	Air Traffic Control Cab has several sprinkler escutcheons that are too far below the ceiling	NO	In Progress	FIRE WARDEN		
35586B	BAF-FP-12709-268	Building is in Fire alarm and requires maintenances	NO	In Progress	USG	Flour responsible for Fire Alarm maintenance and should begin maintenance within 120 days	
25107	BAF-FP-12709-269	Rock Gym fire alarm is in alarm status	NO	In Progress	USG	Flour responsible for Fire Alarm maintenance and should begin maintenance within 120 days	
25107	BAF-FP-12709-270	Fire alarm circuit breaker building is not marked or protected from tampering.	NO	Complete	FIRE WARDEN		
35568B	BAF-FP-12709-271	Building has obstructed egress	NO	Complete	FIRE WARDEN		
35762	BAF-FP-12709-272	Bldg has inappropriate locks for means of egress.	NO	Complete	FIRE WARDEN		
24095	BAF-FP-12709-273	Exit stairwells are being used for storage	NO	Complete	FIRE WARDEN		
24095	BAF-FP-12709-274	Does not provide complete building sprinkler system coverage.	NO	In Progress	USG	Project by contract required.	
24095	BAF-FP-12709-275	Does not provide for seismic bracing for the fire sprinkler system	NO	In Progress	USG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24095	BAF-FP-12709-276	Has non working illuminated emergency exit sign.	NO	Complete	FIRE WARDEN		
24095	BAF-FP-12709-277	Fire extinguishers are not properly inspected and maintained.	NO	Complete	FIRE WARDEN		
24095	BAF-FP-12709-278	Fire extinguishers are not properly installed.	NO	Complete	FIRE WARDEN		
24095	BAF-FP-12709-279	Has non functional emergency lighting fixture	NO	Complete	FIRE WARDEN		
35762	BAF-FP-12709-280	has a step in the path of egress that is not fixed in place.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
35762	BAF-FP-12709-281	has varnish stored in a non approved storage room.	NO	Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
35591	BAF-FP-12709-282	Emergency light fixtures are not functional during testing	No	Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24095	BAF-FP-12709-283	Mechanical room is being used to store combustible and flammable materials	NO	Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	

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24095	BAF-FP-12709-284	Fire sprinkler pipe joining material does not comply with NFPA 13	NO	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	
35771C	BAF-FP-12709-285	Means of egress for building is restricted in width due to excessive door projection into the passageway.	NO	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	
24095	BAF-FP-12709-286	Main entrance double doors in building have missing and modified door hardware which obstructs egress.	NO	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24095	BAF-FP-12709-287	has conduit and duct work penetrating fire rated walls with the openings lacking fire-rated protection	NO	In Progress	FIRE WARDEN	project by contract required.	
24049, 24051	BAF-FP-12709-288	Have electrical service transformer located too close to the building.	NO	In Progress	USG	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(e).	
2516, 25214, 25218	BAF-FP-12709-289A	Buildings are not separated by required 20' from adjacent permanent structure.		In Progress	USG	The building occupants were informed of their responsibilities to comply with the USFOR-A Fire Warden Program. The inspection is the responsibility under the USFOR-A Fire Prevention SOP 2-8(e).	
25117A	BAF-FP-12709-290	Buildings are not separated by required 20' from adjacent permanent structure.		In Progress	USG	A waiver from CENTCOM will be sought	
16844	BAF-FP-12709-291	Fire alarm circuit breaker is not correctly marked and not protected from tampering.		Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
16844	BAF-FP-12709-292	Fire alarm control panel does not report to MONACO D-21 as required		In Progress	USG	FLUOR responsible for Fire Alarm maintenance and O&M	
16844	BAF-FP-12709-293	Plastic bag covering and disabling fire alarm smoke detector.	No	Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24049	BAF-FP-12709-294	Does not have fire suppression systems for kitchen cooking equipment.	No	In Progress	USG	project by contract required.	
25132	BAF-FP-12709-295	Does not have fire suppression systems for kitchen cooking equipment.	no	In Progress	USG	project by contract required.	
24051	BAF-FP-12709-296	Smoke detector was missing in building 24051	No	Complete	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-297	Do not have an automatic fire alarm system as required.	No	In Progress	USG	project by contract required.	
24049	BAF-FP-12709-298	Do not have an automatic fire alarm system as required.	No	In Progress	USG	project by contract required.	
24049	BAF-FP-12709-299	Two large Jp8 fuel storage tanks are located too close to building without means of secondary containment.	NO	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	
24087B	BAF-FP-12709-300	Fire water supply post indicator valve near building is not protected from damage.	No	In Progress	USG	project by contract required.	
24095	BAF-FP-12709-301	Fire alarm control panel is in non operational condition displaying multiple alarms.	No	In Progress	FIRE WARDEN	FLUOR responsible for Fire Alarm maintenance and O&M	
24087B, 24087C	BAF-FP-12709-302	Fire pumps have not been commissioned.	No	In Progress	FIRE WARDEN	FLUOR responsible for Fire Alarm maintenance and O&M	
24095	BAF-FP-12709-303	Fire sprinkler coverage is obstructed in mechanical room and electrical room.	No	In Progress	FIRE WARDEN	project by contract required.	
24087	BAF-FP-12709-304	has incorrect fire sprinkler head installed.	No	In Progress	USG		
24095	BAF-FP-12709-305	fire sprinkler riser assembly does not have dielectric fittings on dissimilar material unions and welds.	No	In Progress	USG		

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
24087	BAF-FP-12709-306	Fire suppression water supply post indicator valve shows water supply is partially shut off.	No	In Progress	USG		
24095	BAF-FP-12709-307	has an EXIT sign that is burnt out.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24051	BAF-FP-12709-308	The movie room in the 8 Ball MWR, has an obstructed exit.	No	In Progress	Travis Garland	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24051	BAF-FP-12709-309	A door not intended for emergency exit use in building has conflicting signage	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24049	BAF-FP-12709-310	Smoke detectors were missing, disabled, nonfunctional, and not properly maintained in the Koele Dining Facility (DFAC), building 24049	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24049	BAF-FP-12709-311	Has an nonfunctional emergency lighting fixture.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24049	BAF-FP-12709-312	Smoke/heat detection is not provided in some areas of the building	No	In Progress	FIRE WARDEN	project by contract required.	
224043	BAF-FP-12709-313	Smoke detectors in building are installed too low from the ceiling.	No	In Progress	FIRE WARDEN	project by contract required.	
25132	BAF-FP-12709-314	Fire extinguishers in buildings are not properly inspected and maintained	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24049	BAF-FP-12709-315	DFAC has exit door frames with lower than required head clearance.	No	In Progress	USG		
24049	BAF-FP-12709-316	Building has inappropriate locks for a means of egress.	No	In Progress	USAG		
24095	BAF-FP-12709-317	Is constructed as a non-combustible structure, but combustible material was used in remodel work.	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	
25132	BAF-FP-12709-318	Exit directional signage illumination is insufficient in the cold storage are of the building	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-319	Has non nonfunctional emergency light fixture and illuminated exit sign	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-320	Fire extinguisher in the kitchen cooking area for the DFAC is inaccessible.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24095	BAF-FP-12709-321	Fire sprinkler riser water motor gong is mounted incorrectly.	No	In Progress	USAG	FLUOR responsible for Fire Alarm maintenance and O&M	
24095	BAF-FP-12709-322	Has missing drop in ceiling tiles that will delay fire sprinkler activation.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
24051	BAF-FP-12709-323	Hazardous material storage sign is not legible.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-324	Deficiencies were noted with smoke detectors.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-325	Kitchen hood grease drip tray is not installed in the required location per NFPA 96.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
25132	BAF-FP-12709-326	Storage cabinet hazardous material sign does not appropriately reflect the actual hazard of the materials being stored	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-327	Sandwich shop fire extinguisher is inaccessible	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
25132	BAF-FP-12709-328	Has inappropriate locks for means of egress	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
BAF	BAF-FP-12709-329	Smoke detectors in multiple facilities across BAF do not communicate with each other.	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	
14782	BAF-FP-12709-330	Interior exit stairwells of building 14782 are being used for storage with the potential to interfere with egress	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
CM	BAF-FP-12709-331	Exit/directional signage illumination is insufficient in building camp monitored	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
CM	BAF-FP-12709-332	There is systemic lack of inspection and maintenance on fire extinguishers in Camp Montrond	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14983	BAF-FP-12709-333	Camp Montrond Dining Facility (DFAC) kitchen, building 14983, does not have a working fire suppression system for kitchen cooking equipment.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
CM	BAF-FP-12709-334	Camp Montrond has buildings with door opening headroom less than the required clearance and ceiling height less than the require 7' clearance.	No	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	
14882	BAF-FP-12709-335	The building 14882 storage cabinet hazardous material sign does not appropriately reflect the actual hazard of the materials being stored.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14769A	BAF-FP-12709-336	Building has on one means of egress	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
CM	BAF-FP-12709-337A	Systemic deficiencies were noted with the installation and maintenance of smoke detectors throughout Camp Montrond, and smoke detection is not provided in many locations.	No	In Progress	FIRE WARDEN	Completing risk assessment to determine whether a waiver or project by contract is required.	
CM	BAF-FP-12709-338A	There is overgrown vegetation near building 14782	No	Complete	FIRE WARDEN		
14782	BAF-FP-12709-339	Camp Montrond building 14782 second floor fire escape stairs do not meet NFPA code requirements	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	
14769	BAF-FP-12709-340	Main exit door swings inward against the direction of egress	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14882	BAF-FP-12709-341	Has flammable combustible storage under the egress stairs.	No	In Progress	FIRE WARDEN	Fire Warden was informed of the deficiency and elected to correct this deficiency . Follow-up will be required to ensure compliance of this deficiency.	
14782	BAF-FP-12709-342	Exit stair does not meet requirements for consistent, even treads and risers.	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	
CM	BAF-FP-12709-343	Billeting structures do not have adequate fire separation between buildings.	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	

Building	Finding Number	Abstract	SOR	Repair Status	Responsible Party	Comments	LHS
15805	BAF-FP-12709-344	"Motel 8" contains an area of higher hazard that is not separated by fire rated construction.	No	In Progress	USAG	Completing risk assessment to determine whether a waiver or project by contract is required.	
24095	BAF-FP-12709-345	Has unprotected fire hydrant	No	In Progress	FIRE WARDEN	project by contract required.	
24095	BAF-FP-12709-346A	Fire hydrant pumper connection is orientated in the wrong direction	No	Complete		WO was turned in 455 ECES completed.	
BAF	BAF-FP-12709-347A	Building fire alarm systems are not connected to the base fire Department	No	In Progress	USAG	FLUOR Responsible for Fire Alarm maintenance and O&M adding these buildings will begin FY13	
16844	BAF-FP-12709-348	Fire alarm control panel has a trouble alarm signal	No	In Progress	USAG	FLUOR Responsible for Fire Alarm maintenance and O&M adding these buildings will begin FY13	

## Appendix C Continued

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### Notice of Concerns and Responses - BAF

#### ***OIG Response to CENTCOM - BAF***

We commend the Bagram Garrison Command and Task Force POWER on their rapid response in initiating the correction of findings identified during the assessment of Bagram Air Field as indicated in their “Response to Notice of Concern (Fire and Electrical Standards)”, dated 11 Nov 2012 (see appendix C). This evidenced by actions described in Item 7, and the Finding Tracking Spread Sheets attached to their NOC response documents.

We recognize the value of TF POWER and its mission but we disagree with CENTCOM’s statement, “The government civilian and military staff is sufficient to perform those roles in a comprehensive and outstanding fashion.” TF POWER has 196 contract electrical inspectors in Afghanistan, but the number of DoD OIG findings suggest that the TF POWER workforce is insufficient to meet the requirements of this critical mission. Also CENTCOM’s position is contrary to the conversations we had with the garrison command’s military and civilian support staff regarding adequate resources. The garrison commands we interviewed reported that they had a lack of government dedicated electricians to be effective. This is consistent with the 331 electrical findings at BAF and an additional 109 electrical findings at KAF. The Bagram Garrison Command indicated that it was understaffed but was in the process of acquiring Government civilian electricians and other tradesmen to assist in maintenance and repairs. We believe this is a step in the right direction.

Item 6 of CENTCOM response to the DoD OIG NOC states:

Non-concur with the recommendation and emphasis on fire protection plans in base camp master plans as a solution for fire code discrepancies. This is not a required component of a base camp master plan and it will not eliminate any root causes for the findings discovered in the DoD IG inspection. There are sufficient fire protection standards for contingency environments. Please reference the following partial list of relevant publications:

- a. AF Engineering Technical Letter (ETL) 09-4: Fire Protection Engineering Criteria – Expeditionary and Force Projection Operational Theaters
- b. USCENTCOM regulation 415-1, Construction and Base Camp Development in the USCENTCOM Area of Responsibility “The Sand Book”



- c. ARCENT Policy letter dated 15 Jul 09, Fire Safety Management & Design Policy for Construction in the USARCENT AOR
- d. DoD is currently scheduled to release a new UFC governing contingency construction Nov 2012.

We remain in agreement with the Sand Book, section 5-7, (3) (b), which states, “An effective fire protection plan is critical to the safety of personnel, facilities, and equipment. The plan provides alternatives to the impracticable criteria in the UFC.” According to the Sand Book, Appendix C, Item 7 (f), the fire protection plan is listed as a component of the BCMP. Also, the Sand Book, Section 5-7, (3)(c) and (d), and further clarified in Figure 5-4, allows the use of the documents referenced in item 6 for temporary construction (defined as 6 months to less than 2 years) only and requires compliance with the UFC for semipermanent construction (defined as 2 years to less than 25 years). Exceptions are allowed with an approved FPP.

TF POWER granted exceptions to electrical findings as identified in the Finding Tracking Spread Sheets in Attachment 1 of the NOC response. Findings that identified issues with air conditioners permanently wired to power with no visible means of disconnect have been granted exceptions. However, if an air conditioner malfunctions, power to the unit could not easily be secured, which presents a fire hazard. It also presents an electrical shock and/or electrocution hazard to personnel performing maintenance or servicing. Failure to provide a visible means of disconnect violates NFPA 70, National Electrical Code 2008, Article 440.14, which states, “Disconnecting means shall be located within sight from and readily accessible from the air-conditioning or refrigerating equipment.” For these reasons, we consider it unsafe to continue the practice of providing no means of power disconnect.

## Appendix D

### CENTCOM Comments (Received June 3, 2013)



**UNITED STATES CENTRAL COMMAND**  
7115 SOUTH BOUNDARY BOULEVARD  
MACDILL AIR FORCE BASE, FLORIDA 33621-5101

30 May 2013

MEMORANDUM FOR Inspector General, Department of Defense, 4800 Mark Center Drive, Alexandria, Virginia 22350-1500

SUBJECT: Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan (Project Nos. D2012-DT0TAD-0001.000 and D2012-DT0TAD-0002.000)

1. PURPOSE: US Central Command, Engineer Division has reviewed the draft report for the DoD IG inspection titled "Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan." We propose the following responses to the electrical and fire safety recommendations.

2. DoD IG Recommendations – Electrical Standards:

**Recommendation 1:** "We recommend that a priority be given to correcting the 44 critical electrical findings tallied in Table 2 of this report."

Response: Concur. USCENTCOM continues to work with USFOR-A to assist with correcting the 44 critical electrical standard safety deviations. Per the USFOR-A response memorandum dated 26 MAY, USFOR-A has taken actions to correct 29 of the 44 electrical standard deviations. USCENTCOM Engineer Division continues to coordinate with USFOR-A in this effort. USFOR-A estimates that the remaining 15 electrical standard deviations will be corrected before 1 January 2014.

**Recommendation 2:** "We recommend that all 440 electrical findings be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E)."

Response: Partially Concur. USFOR-A continues to evaluate and address life, health and safety standard deviations in accordance with risk management standard operating procedures and practices that have identified and corrected approximately 326,000 deviations. A new plan, coordinated with an agency external to USCENTCOM would not be in place to address the remaining deviations in a timely manner. USCENTCOM remains committed to ensuring the safety of all personnel and resources are not jeopardized due to electrical standard deviations, and concurs with USFOR-A's assessment that a new plan is not required.

**Recommendation 3:** "We recommend that U.S. Forces-Afghanistan (USFOR-A) review the government oversight and inspection requirements for electrical systems and ensure that sufficient qualified resources are available and deployed to meet

requirements throughout the USFOR-A area of responsibility.

Response: Concur. USFOR-A has developed a plan that ensures electrical repair and inspection personnel are available to evaluate the life, health and safety standards of 4,469 facilities that will be occupied until US Forces vacate in December 2014. The remaining 4,227 facilities that will remain occupied beyond December 2014 will also be brought into code compliance in order to bring them onto the LOGCAP maintenance contracts, enabling recurring operations and maintenance support.

**Recommendation 4:** “We recommend that provisions be made for regular inspection and maintenance of electrical systems.”

Response: Concur. Following the DoD IG inspection, USFOR-A implemented an aggressive plan to evaluate facilities in theater to assess their current compliance with electrical safety standards. Once the assessment is complete, USFOR-A will address any deviations identified to meet applicable electrical code and codify a schedule to ensure routine inspections and maintenance is conducted. USCENTCOM Engineer Division continues to coordinate with USFOR-A in this effort.

**Recommendation 5:** “We recommend that the Commander, USCENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.”

Response: Engineer Division defers comment on recommendation 5 to USCENTCOM Joint Theater Support Contracting Command.

### 3. DoD IG Recommendations – Fire Standards

**Recommendation 1:** “We recommend that a priority be given to correcting the 27 critical fire protection findings tallied in Table 2 of this report.”

Response: Concur. Per the USFOR-A response memorandum dated 26 MAY, USFOR-A has taken actions to correct all 27 of the fire standard deviations either through remedial action or a post-construction waiver request consistent with the Defense Federal Acquisition Regulation (DFAR) and USCENTCOM Regulation 415-1 which specify that any deviation from the requirements of Unified Facility Criteria due to prevailing operational conditions must be approved by the Combatant Commander or delegated engineering authority in writing. Waivers granted for fire standard deviations are scrutinized to ensure proper egress procedures and risk mitigation measures are implemented to safeguard personnel and resources.

**Recommendation 2:** “We recommend that all 649 fire protection findings be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E).”



Response: Partially Concur. USFOR-A continues to evaluate fire protection safety standard deviations in accordance with risk management standard operating procedures and practices that have identified and corrected approximately 326,000 deviations. A new plan, coordinated with an agency external to USCENTCOM would not be in place to address the remaining deviations in a timely manner. USCENTCOM remains committed to ensuring the safety of all personnel and resources are not jeopardized due to fire standard deviations, and concurs with USFOR-A's assessment that a new plan is not required.

**Recommendation 3:** "We recommend that U.S. Forces-Afghanistan (USFOR-A) review the government oversight and inspection requirements for fire protection systems and ensure that sufficient qualified resources are available and deployed to meet requirements throughout the USFOR-A area of responsibility."

Response: Concur. USFOR-A has contracted services from certified fire protection engineers who provide the requisite technical expertise with fire alarm and suppression systems in theater. Any deviations from fire safety standards continue to be addressed in coordination with USCENTCOM Engineer Division.

**Recommendation 4:** "We recommend that provisions be made for regular inspection and maintenance of fire protection systems."

Response: Concur. Following the DoD IG inspection, USFOR-A implemented an aggressive plan to evaluate facilities in theater to assess their current compliance with fire safety standards. Once the assessment is complete, USFOR-A will address any deviations identified and codify a schedule to ensure routine inspections and maintenance is conducted. USCENTCOM Engineer Division continues to coordinate with USFOR-A in this effort.

**Recommendation 5:** "We recommend that the Base Camp Master Plans (BCMP) include a comprehensive fire protection plan."

Response: Concur. USCENTCOM Regulation 415-1, Construction and Base Camp Development in the USCENTCOM Area of Responsibility, requires fire protection plans as part of the Base Camp Master Plan (BCMP). CCR 415-1 provides alternatives to the criteria detailed in the Unified Facilities Criteria (UFC) 1-200-01 to ensure minimum life, safety, and habitability for facilities constructed in contingency environments. Should the fire protection plan include deviations to those requirements, it must be reviewed by the appropriate authority having jurisdiction with experience and expertise for fire protection to ensure risk mitigation strategies effectively address any deviation.

**Recommendation 6:** "We recommend that the Commander, CENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual

remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.”

Response: Engineer Division defers comment on recommendation 6 to USCENTCOM Joint Theater Support Contracting Command.

4. USCENTCOM J4-Engineers point of contact is [REDACTED]  
[REDACTED]

Encl

As stated



ALLAN L. WEBSTER  
COL, EN, USA  
Chief, USCENTCOM Engineer



HEADQUARTERS  
UNITED STATES FORCES-AFGHANISTAN  
KABUL, AFGHANISTAN  
APO AE 09356

USFOR-A JENG

26 May 2013

MEMORANDUM FOR USFOR-A IG

SUBJECT: Draft Response to DoD IG Project Nos. D2012-DTOTAD-0001 and D2012-DTOTAD-0002

1. PURPOSE: Task Force Protect Our Warfighters and Electrical Resources (TF POWER) has reviewed the draft report for the DoD IG inspection titled "Compliance with Electrical and Fire Protection Standards of U.S. Controlled and Occupied Facilities in Afghanistan." We propose the following responses to the electrical and fire safety recommendations. C-JTSCC will propose responses to electrical recommendation 5 and fire recommendation 6 of the report as those recommendations were addressed to their organization.

2. DoD IG Recommendations - Electrical Standards:

**Recommendation 1:** "We recommend that a priority be given to correcting the 44 critical electrical findings tallied in Table 2 of this report."

Proposed Response: Concur. USFOR-A corrected 29 of the 44 findings as of 11 May 2013 and expects to complete corrective actions on the remaining findings by 1 January 2014.

**Recommendation 2:** "We recommend that all 440 electrical findings (which includes the 44 critical electrical findings) be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E)."

Proposed Response: Partially Concur. USFOR-A corrected 284 of the 440 findings as of 11 May 2013 and expects to complete corrective actions on the remaining findings by 1 January 2014. While the 440 findings identified by the DoD IG are significant, TF POWER identifies and corrects an average of 3,400 Life, Health, and Safety (LHS) findings each week. The process by which electrical safety issues are identified, prioritized, and corrected is already in place, defined under CENTCOM FRAGO 2009 03 06, USFOR-A FRAGO 10-213 and a TF POWER Assessment Team Standard Operating Procedure Memo, 26 Nov 2011. These documents establish a risk management plan that directs TF POWER to respond first to priority hazards identified by Regional Commands, followed by inspection and repair priorities focused on wet locations, living quarters, and facilities where personnel are likely to come in contact with electrical



USFOR-A DCDR-S

SUBJECT: Letter of Justification for TF POWER Fire/Electrical Safety Contract

hazards. To date, this process has identified and corrected 326,000 LHS flashes. We do not believe a new plan or process is required, nor should a plan require approval outside the CENTCOM Commander's chain of command.

**Recommendation 3:** "We recommend that USFOR-A review the Government oversight and inspection requirements for electrical systems and ensure that sufficient qualified resources are available and deployed to meet requirements throughout the USFOR-A area of responsibility."

Proposed Response: Concur. USFOR-A has reviewed the oversight and inspection requirements in conjunction with the on-going planning for the basing and personnel drawdown directed by the President of the United States. The current requirement is to maintain 80 electrical inspection and repair two-person teams through February 2014, and then 36 teams from February 2014 through end-of-mission in December 2014. The contract from February 2014 is still in development, and options will be included to increase the number of teams if the requirement exists. This level of resources is adequate to inspect and repair the remaining 4,469 non-enduring facilities (buildings to be vacated by US personnel prior to December 2014) to a LHS standard and 4,227 enduring facilities to electrical code standards.

**Recommendation 4:** "We recommend that provision be made for regular inspection and maintenance of electrical systems."

Proposed Response: Concur. The process by which electrical safety issues are identified and corrected is defined under USFOR-A FRAGO 10-213 and TF POWER Assessment Team Standard Operating Procedure Memo, 26 Nov 2011. "Density list" facilities covered under the LOGCAP maintenance contract receive recurring operations and maintenance, to include inspection and repair of electrical systems. DCMA funds and manages six two-person teams that focus solely on LOGCAP oversight of electrical systems. Non-density list facilities are inspected by TF POWER on a 20-month cycle, or more frequently when requested by Regional Command Engineers and Garrison Commanders. TF POWER is diligently working towards bringing 4,227 facilities into code compliance in order to bring them onto the LOGCAP maintenance contracts, whereby they will receive the necessary recurring operations and maintenance support. This will ensure all facilities expected to be occupied by US personnel after December 2014 meet applicable US (60 Hz system) or British (50 Hz system) Code and are eligible for operations and maintenance support via LOGCAP contracts.

3. DoD IG Recommendations – Fire Protection Systems:

**Recommendation 1:** "We recommend that a priority be given to correcting the 27 critical fire protection findings tallied in Table 2 of this report."

Proposed Response: Concur. All 27 critical fire protection findings were addressed by either corrective actions or waiver/deviation requests through CENTCOM. Waivers and

USFOR-A DCDR-S

SUBJECT: Letter of Justification for TF POWER Fire/Electrical Safety Contract

deviations were appropriately requested where corrective actions were not feasible given the expected occupancy of identified facilities. Instead, risk mitigation measures were implemented, which took into consideration the fact that all facilities in the CJOA-A are inhabited by individuals physically qualified to deploy and operate in contingency environments.

**Recommendation 2:** “We recommend that all 649 fire protection findings (which includes the 27 critical fire protection findings) be addressed and prioritized according to a robust risk management plan. Furthermore this plan should be approved and coordinated with AT&L (I&E).”

Proposed Response: Partially concur. USFOR-A has corrected 279 of the 649 findings as of 11 May 2013 and expects to complete corrective actions or gain waiver approvals from CENTCOM on the remaining findings by 1 January 2014. The process by which fire protection safety issues are identified and corrected is already in place, defined under USFOR-A FRAGO 11-888. The We do not believe a new plan is required, nor should a plan require approval outside the CENTCOM Commander’s chain of command.

**Recommendation 3:** “We recommend that USFOR-A review the Government oversight and inspection requirements for fire protection systems and ensure that sufficient qualified resources are available and deployed to meet requirements throughout the USFOR-A area of responsibility.”

Proposed Response: Concur. Following the DoD IG inspection, both LOGCAP contractors and Task Force POWER have obtained contract services to provide inspection and oversight capabilities of certified fire protection engineers. This provides technical expertise on fire alarm and suppression systems to supplement the four Task Force POWER personnel (one Fire Chief and three regional Deputy Fire Chiefs) and the 17 Fire Departments and 60 Fire Prevention offices under LOGCAP.

**Recommendation 4:** “We recommend that provision be made for regular inspection and maintenance of fire protection systems.”

Proposed Response: Concur. Following the the DoD IG inspection, LOGCAP contract services have been obtained to provide inspection and maintenance services to fire protection systems on the density list. TF POWER is providing inspections and fire protection engineer services for non-density list facilities and advocating for required repairs and maintenance through the Regional Command Engineers and Garrison leadership. A four phase plan is being implemented, developing a theater-wide inventory of systems (ECD: 1 June 2013), assessing systems (ECD: 1 October 2013), developing repair and maintenance plans (ECD: 1 December 2013), and accomplishing repairs and ensuring recurring maintenance is established and maintained (ECD: 1 May 2014).

**Recommendation 5:** “We recommend that the Base Camp Master Plans include a comprehensive fire protection plan.”

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Proposed Response: Concur. USFOR-A will ensure Base Camp Master Plans include a comprehensive fire prevention and protection plan, which will be developed at the base level following the USFOR-A Fire Prevention and Protection Standard Operating Procedures. ECD for completion of all required plans is 1 Oct 2013.

4. ADDITIONAL CONCERNS: None.

5. RECOMMENDATION: USFOR-A IG review and incorporate TF POWER responses into the CENTCOM response.

6. POINT OF CONTACT:



MICHAEL C. WEHR  
Brigadier General, U.S. Army  
Director, Joint Engineer Directorate  
United States Forces-Afghanistan





CJTSCC/DCG

**HEADQUARTERS**  
CENTCOM JOINT THEATER SUPPORT CONTRACTING COMMAND  
CAMP PHOENIX  
APO AE 09320



31 May 2013

## MEMORANDUM FOR DoDIG

SUBJECT: RESPONSE TO OIG FOLLOW-UP MEMO ON DODIG D2012-DTOTAD-0001\_0002-0424 DRAFT REPORT - "COMPLIANCE WITH ELECTRICAL AND FIRE STANDARDS OF U.S. CONTROLLED AND OCCUPIED FACILITIES IN AFGHANISTAN"

1. C-JTSCC has reviewed subject report and concurs with recommendations as listed below:

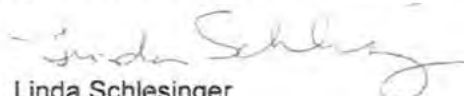
a. Recommendations - Electrical Standards: On page 16 of the report is the following recommendation (#5): We recommend that the Commander, CENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.

b. Recommendations - Fire Protection Systems: On page 18 of the report is the following recommendation (#6): We recommend that the Commander, CENTCOM Joint Theater Support Contracting Command, review applicable contracts to determine if contractual remedies, including financial recovery, are appropriate in those cases where contract requirements for electrical or fire protection construction, maintenance, or repair services were not satisfied.

2. Our review of the report indicates that buildings had various electrical fire code and fire protection systems violations in direct noncompliance with Unified Facilities Criteria (UFC) and National Fire protection Association (NAPA) standards. C-JTSCC, for its minor constructions projects, does include clause Warranty Clause 52.246.21 in its contracts to provide a contractual remedy where contract requirements were not satisfied. In addition, the verification of compliance to contract requirements are the responsibility of our assigned Contracting Officer Representatives (CORs), Quality Assurance Specialists (QAS), and Construction Representatives (CONREPs).

3. Questions regarding this memo can be addressed to C-JTSCC/FUOPS at

[REDACTED]

  
Linda Schlesinger  
CAPT, USN  
Deputy Commander

## TITLE 48 - FEDERAL ACQUISITION REGULATIONS SYSTEM

### CHAPTER 1 - FEDERAL ACQUISITION REGULATION

#### SUBCHAPTER H - CLAUSES AND FORMS

#### PART 52 - SOLICITATION PROVISIONS AND CONTRACT CLAUSES

##### 52.246 - 21 - Warranty of Construction.

As prescribed in 46.710(e)(1), the contracting officer may insert a clause substantially as follows in solicitations and contracts when a fixed-price construction contract (see 46.705(c)) is contemplated, and the use of a warranty clause has been approved under agency procedures:

Warranty of Construction (APR 1984) (a) In addition to any other warranties in this contract, the Contractor warrants, except as provided in paragraph (i) of this clause, that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.

(b) This warranty shall continue for a period of 1 year from the date of final acceptance of the work. If the Government takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the Government takes possession.

(c) The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Government-owned or controlled real or personal property, when that damage is the result of (1) The Contractor's failure to conform to contract requirements; or (2) Any defect of equipment, material, workmanship, or design furnished.

(d) The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for 1 year from the date of repair or replacement.

(e) The Contracting Officer shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.

(f) If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the Government shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.

(g) With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall (1) Obtain all warranties that would be given in normal commercial practice; (2) Require all warranties to be executed, in writing, for the benefit of the Government, if directed by the Contracting Officer; and (3) Enforce all warranties for the benefit of the Government, if directed by the Contracting Officer.

(h) In the event the Contractor's warranty under paragraph (b) of this clause has expired, the Government may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.

(i) Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the Government nor for the repair of any damage that results from any defect in Government-furnished material or design.

(j) This warranty shall not limit the Government's rights under the Inspection and Acceptance clause of this contract with respect to latent defects, gross mistakes, or fraud.

(End of clause) Alternate I (APR 1984). If the Government specifies in the contract the use of any equipment by brand name and model, the contracting officer may add a paragraph substantially the same as the following paragraph (k) to the basic clause: (k) Defects in design or manufacture of equipment specified by the Government on a brand name and model basis, shall not be included in this warranty. In this event, the Contractor shall require any subcontractors, manufacturers, or suppliers thereof to execute their warranties, in writing, directly to the Government.

[48 FR 42478, Sept. 19, 1983, as amended at 59 FR 11388, Mar. 10, 1994]



## ***Acronyms and Abbreviations***

<b>AHJ</b>	Authority Having Jurisdiction
<b>AT&amp;L (I&amp;E)</b>	Acquisition, Technology and Logistics (Installations & Environment)
<b>BAF</b>	Bagram Air Field
<b>BCMP</b>	Base Camp Master Plan
<b>BOS-I</b>	Base Operations Support-Integration
<b>BRCC</b>	Bagram Regional Contracting Command
<b>CENTCOM</b>	U.S. Central Command
<b>C-JTSCC</b>	CENTCOM Joint Theater Support Contracting Command
<b>CJOA-A</b>	Combined/Joint Operations Area-Afghanistan
<b>COR</b>	Contracting Officer's Representative
<b>DFIP</b>	Detention Facility in Parwan
<b>DCG-S</b>	Deputy Commanding General for Support
<b>FPP</b>	Fire Protection Plan
<b>GFCI</b>	Ground Fault Circuit Interrupter
<b>HVAC</b>	Heating, Ventilation, and Air Conditioning
<b>IG</b>	Inspector General
<b>JENG</b>	USFOR-A Joint Engineering
<b>KAF</b>	Kandahar Air Field
<b>KBC</b>	Kabul Base Cluster
<b>LOGCAP</b>	Logistics Civil Augmentation Program
<b>MRAP</b>	Mine Resistant Ambush Protected
<b>NEC</b>	National Electrical Code
<b>NFPA</b>	National Fire Protection Association
<b>NOC</b>	Notice of Concern
<b>OIG</b>	Office of Inspector General
<b>RCC</b>	Regional Contracting Command
<b>SIPRNET</b>	SECRET Internet Protocol Router Network
<b>TDB</b>	Technical Directive Bulletins
<b>TF POWER</b>	Task Force POWER
<b>UFC</b>	Unified Facilities Criteria
<b>USFOR-A</b>	U.S. Forces-Afghanistan

# **Whistleblower Protection**

## **U.S. DEPARTMENT OF DEFENSE**

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